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4,4'-Bis[2-(3,5-dimethoxyphenyl)ethenyl]biphenyl

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Key indicators: single-crystal X-ray study; T = 100 K; mean σ (C–C) = 0.002 Å; R factor = 0.060; wR factor = 0.181; data-to-parameter ratio = 18.7.

The title compound, $C_{32}H_{30}O_4$, crystallizes with three different conformers of the same molecule in the asymmetric unit, which explains the unusually large unit cell volume. The supramolecular structure is based on interactions involving the methoxy groups [C···O contacts between 3.090 (2) and 3.204 (2) Å, and C-H···O contacts between (normalized) 2.40 and 2.71 Å], π - π stacking of the electron-rich methoxysubstituted rings [centroid–centroid distances of 3.6454 (9)– 3.738 (1) Å] and C-H··· π contacts (normalized, 2.62–2.97Å).

Related literature

For related methoxy-substituted biphenyls with 4,4'-bis(2phenylethenyl) substitution, see: Vande Velde *et al.* (2002) [CSD refcode: MODDUE] and Li & Jian (2009) [CSD refcode: POWYUW]. For a study on the blue-light-emitting properties of a related compound, see: Jin *et al.* (2002). For the conformations of methoxybenzenes, see: Vande Velde *et al.* (2007). For the preparation, see: Jin *et al.* (2002.



Experimental

 Crystal data

 $C_{32}H_{30}O_4$ V =

 $M_r = 478.56$ Z =

 Monoclinic, $P2_1/c$ Mo

 a = 11.8208 (13) Å
 $\mu =$

 b = 27.896 (3) Å
 T =

 c = 22.875 (3) Å
 0.55

 $\beta = 99.723$ (2)°
 0.55



74405 measured reflections

 $R_{\rm int} = 0.034$

18422 independent reflections

13284 reflections with $I > 2\sigma(I)$

Data collection

Bruker SMART APEX CCD

diffractometer Absorption correction: multi-scan (*SADABS*; Bruker, 2008) $T_{\rm min} = 0.956, T_{\rm max} = 0.988$

Refinement

 $R[F^2 > 2\sigma(F^2)] = 0.060$ 985 parameters $wR(F^2) = 0.181$ H-atom parameters constrainedS = 1.03 $\Delta \rho_{max} = 0.68$ e Å $^{-3}$ 18422 reflections $\Delta \rho_{min} = -0.29$ e Å $^{-3}$

Table 1

Relevant C–H··· π contacts in the crystal packing of the title compound (Å, °).

Cg(X1), Cg(X2), Cg(X3) and Cg(X4) are the centroids of the C1X–C6X, C9X–C14X, C15X–C20X and C23X–C28X rings, respectively, where X = A, B, C, D.

Entry	D	Н	Α	$H \cdot \cdot \cdot A$	$D - \mathbf{H} \cdots A$
1	C10A	H10A	$Cg(B4)^{i}$	2.62	148
2	C17A	H17A	$Cg(B3)^{i}$	2.86	150
3	C19A	H19A	$Cg(C4)^{ii}$	2.80	143
4	C29A	H29A	$Cg(A3)^{iii}$	2.79	147
5	C10B	H10B	$Cg(C1)^{iii}$	2.84	148
6	C14B	H14B	$Cg(A2)^{iv}$	2.97	147
7	C19B	H19B	$Cg(A1)^{iv}$	2.67	149
8	C31B	H31F	$Cg(B2)^{iii}$	2.80	148
9	C10C	H10C	$Cg(B1)^{iv}$	2.70	148
10	C19C	H19C	$Cg(A4)^{v}$	2.85	152
11	C29C	H29G	$Cg(C3)^{i}$	2.76	143
12	C31 <i>C</i>	H31G	$Cg(C2)^{iii}$	2.78	140

Symmetry codes: (i) x + 1, y, z; (ii) -x + 1, $y + \frac{1}{2}$, $-z + \frac{1}{2}$; (iii) x - 1, y, z; (iv) x, y, z; (v) -x + 2, $y - \frac{1}{2}$, $-z + \frac{1}{2}$.

Table 2

Relevant π - π contacts in the crystal packing of the title compound (Å, °).

The angle related to a pair of centroids is defined as the angle between the $Cg(I) \cdots Cg(J)$ vector and the normal to plane *I*. Centroids as in Table 1.

Entry	Cg(I)	Cg(J)	$Cg \cdots Cg$	Angle
1	Cg(A1)	$Cg(A1)^{\rm vi}$	3.738(1)	26.65
2	Cg(A4)	$Cg(A4)^{vii}$	3.6454 (9)	25.18
3	Cg(B1)	$Cg(C4)^{viii}$	3.713 (1)	25.39
4	Cg(B4)	$Cg(C1)^{ix}$	3.697 (1)	26.83
5	Cg(C1)	$Cg(B4)^x$	3.697 (1)	25.86
6	Cg(C4)	$Cg(B1)^{xi}$	3.713 (1)	25.72

Symmetry codes: (vi) -x, -y + 1, -z; (vii) -x + 3, -y + 1, -z + 1; (viii) $x + 1, -y + \frac{1}{2}, z + \frac{1}{2}$; (ix) $x - 2, -y + \frac{1}{2}, z - \frac{1}{2}$; (x) $x + 2, -y + \frac{1}{2}, z + \frac{1}{2}$; (xi) $x - 1, -y + \frac{1}{2}, z - \frac{1}{2}$.

Table 3

Relevant short contacts involving the methoxy groups in the crystal packing of the title compound (Å, °).

Entry	D	X	Α	$X \cdots A$	$D - X \cdot \cdot \cdot A$
1	O2A	C30A	$O1C^{ix}$	3.139 (2)	175.28 (12)
2	O3A	C31A	$O4C^x$	3.090 (2)	160.33 (12)
3	C32A	H32A	$O2C^{vii}$	2.71	120
4	C32A	H32c	O3A ^{vii}	2.55	142
5	C15B	C16B	$O1B^{iii}$	3.204 (2)	108.54 (9)
6	O1B	C29B	$O4A^{vii}$	3.171 (2)	143.57 (12)
7	O2B	C30B	$O3B^x$	3.171 (2)	171.88 (12)
8	O4B	C32B	$O1A^{xii}$	3.102 (2)	174.13 (12)
9	C31 <i>B</i>	H31D	$O2C^{ix}$	2.68	139

Entry	D	Х	Α	$X \cdot \cdot \cdot A$	$D - X \cdot \cdot \cdot A$
10	O2C	C30C	$O3C^x$	3.152 (2)	161.25 (11)
11	C29C	H29 <i>H</i>	$O4B^x$	2.67	141
12	C31 <i>C</i>	H31 <i>I</i>	$O2B^{xi}$	2.70	143
13	C32C	H32G	$O1B^{xi}$	2.40	144
14	C32C	H32 <i>I</i>	$O4C^{xiii}$	2.69	124
-					

Symmetry codes: (xii) -x - 1, -y + 1, -z; (xiii) -x, -y, -z.

Data collection: *APEX2* (Bruker, 2008); cell refinement: *SAINT* (Bruker, 2008); data reduction: *SAINT*; program(s) used to solve structure: *SHELXS97* (Sheldrick, 2008); program(s) used to refine structure: *SHELXL97* (Sheldrick, 2008); molecular graphics: *ORTEP-3* (Farrugia, 1997) and *Mercury* (Macrae *et al.*, 2008); software used to prepare material for publication: *WinGX* (Farrugia, 1999) and *PLATON* (Spek, 2009).

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4,4'-Bis[2-(3,5-dimethoxyphenyl)ethenyl]biphenyl

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S1. Comment

The title compound was synthesized with its use as the active component in an organic blue-light-emitting diode in mind (Jin et al., 2002). Three conformers of the same molecule are present in the asymmetric unit, displaying different conformations of the methoxy groups and the biphenyl moiety; the molecules have been labeled A, B and C and the numbering scheme is given in Fig. 1. Fig. 2 presents a packing diagram. Molecules A and B have non-planar biphenyl units, with dihedral angles of $30.97 (7)^{\circ}$ and $30.51 (7)^{\circ}$, respectively, while the same moiety in molecule C is virtually planar [4.22 (8)°]. In each of the three molecules the methoxy groups are oriented differently: their precise orientations do not have a large influence on the relative stability of the conformer (Vande Velde et al., 2007) but are merely due to the intermolecular contacts they are involved in. The three crystallographically independent molecules are held together by three C-H··· π interactions involving aromatic hydrogen atoms. Rings 1 and 2 of molecule A are contacted by H14B and H19B (Table 1, entries 6 and 7) and ring 1 of molecule B is contacted by H10C (Table 1, entry 9). Additionally, molecule A is involved in two methoxy ...methoxy contacts (Table 3, entries 1 and 2), two C-H...O contacts involving the methoxy group in the 3-position (Table 3, entries 3 and 4), four C–H $\cdots\pi$ interactions involving aromatic hydrogen atoms (Table 1, entries 1–4) and two π - π contacts with a symmetry-related A molecule (Table 2, entries 1 and 2). The supramolecular organization of molecule B is based on four methoxy...methoxy contacts (Table 3, entries 5–8), one contact involving the hydrogen atoms of the methoxy group in the 3-position (Table 3, entry 9), two additional C—H $\cdots\pi$ interactions (Table 1, entries 5 and 8) and two π - π contacts involving the methoxy-substituted rings (1 and 4) of molecules B and C (Table 2, entries 3 and 4). Molecule C participates in five contacts involving the methoxy groups, of which one is a methoxy methoxy contact (Table 3, entry 10) and four are initiated by hydrogen atoms of the methoxy groups (Table 3, entries 11–14). Two contacts involve the π -systems of the methoxy-substituted rings of molecules B and C (Table 2, entries 5 and 6). Finally, it can be clearly seen from Table 2 that all three molecules are engaged in $\pi - \pi$ stacking of the electron-rich methoxy-substituted rings 1 and 4.

S2. Experimental

The title compound was prepared as is outlined in Yin *et al.* (2002). Crystals suitable for the diffraction experiment were grown by slow evaporation of an acetone solution. *M*.p. (uncorrected) 452 K. ¹H NMR (CDCl₃, 400 MHz, TMS): δ 3.83 (s, OCH₃), 6.41 (t, 2.2 Hz, H4, H26), 6.69 (d, 2.2 Hz, H2, H6, H24, H28), 7.06 (d, 16.3 Hz, H7/H22 or H8/H21), 7.11 (d, 16.3 Hz, H7/H22 or H8/H21), 7.56 (d, 8.4 Hz, H10, H14, H17, H19), 7.61 (d, 8.4 Hz, H11, H13, H17, H19) p.p.m. ¹³C NMR (CDCl₃, 100 MHz, TMS): δ 55.40 (C29, C30, C31, C32), 100.12 (C4, C26), 104.69 (C2, C6, C24, C28), 127.08 (C10, C14, C17, C19), 127.09 (C11, C13, C16, C20), 128.71 (C7/C22 or C8/C21), 128.81 (C7/C22 or C8/C21), 136.32 (C9, C18), 139.38 (C12, C15), 139.83 (C1, C23), 161.06 (C3, C5, C25, C27) p.p.m.

S3. Refinement

Hydrogen atoms were placed in calculated positions and refined as riding with C—H distances of 0.93 Å and $U_{iso}(H) = 1.2U_{eq}(C)$.



Figure 1

Molecular structure of the title compound showing the numbering scheme of the three crystallographically independent molecules (A, B, C). Displacement ellipsoids are drawn at the 50% probability level; hydrogen atoms are represented by spheres with an arbitrary radius. Hydrogen atoms of methoxy groups are denominated with a lower case suffix: a, b, c for A, d, e, f for B, and g, h, i for C.



Figure 2

Packing scheme of the title compound.

4,4'-Bis[2-(3,5-dimethoxyphenyl)ethenyl]biphenyl

Crystal data

C₃₂H₃₀O₄ $M_r = 478.56$ Monoclinic, $P2_1/c$ Hall symbol: -P 2ybc a = 11.8208 (13) Å b = 27.896 (3) Å c = 22.875 (3) Å $\beta = 99.723$ (2)° V = 7434.8 (14) Å³ Z = 12 F(000) = 3048 $D_x = 1.283 \text{ Mg m}^{-3}$ Mo K\alpha radiation, $\lambda = 0.71073 \text{ Å}$ Cell parameters from 9749 reflections $\theta = 2.3-32.8^{\circ}$ $\mu = 0.08 \text{ mm}^{-1}$ T = 100 KPlate, colourless $0.55 \times 0.45 \times 0.15 \text{ mm}$ Data collection

Bruker SMART APEX CCD	74405 measured reflections
diffractometer	18422 independent reflections
Radiation source: fine-focus sealed tube	13284 reflections with $I > 2\sigma(I)$
Graphite monochromator	$R_{int} = 0.034$
ω scans	$\theta_{max} = 28.3^{\circ}, \theta_{min} = 1.7^{\circ}$
Absorption correction: multi-scan	$h = -15 \rightarrow 15$
(<i>SADABS</i> ; Bruker, 2008)	$k = -37 \rightarrow 37$
$T_{\min} = 0.956, T_{\max} = 0.988$	$l = -30 \rightarrow 30$
Refinement	
Refinement on F^2	Secondary atom site location: difference Fourier
Least-squares matrix: full	map
$R[F^2 > 2\sigma(F^2)] = 0.060$	Hydrogen site location: inferred from
$wR(F^2) = 0.181$	neighbouring sites
S = 1.03	H-atom parameters constrained
18422 reflections	$w = 1/[\sigma^2(F_o^2) + (0.0954P)^2 + 3.3183P]$
985 parameters	where $P = (F_o^2 + 2F_c^2)/3$
0 restraints	$(\Delta/\sigma)_{max} = 0.001$
Primary atom site location: structure-invariant	$\Delta\rho_{max} = 0.68 \text{ e} \text{ Å}^{-3}$
direct methods	$\Delta\rho_{min} = -0.29 \text{ e} \text{ Å}^{-3}$

Special details

Geometry. All e.s.d.'s (except the e.s.d. in the dihedral angle between two l.s. planes) are estimated using the full covariance matrix. The cell e.s.d.'s are taken into account individually in the estimation of e.s.d.'s in distances, angles and torsion angles; correlations between e.s.d.'s in cell parameters are only used when they are defined by crystal symmetry. An approximate (isotropic) treatment of cell e.s.d.'s is used for estimating e.s.d.'s involving l.s. planes.

Refinement. Refinement of F^2 against ALL reflections. The weighted *R*-factor *wR* and goodness of fit *S* are based on F^2 , conventional *R*-factors *R* are based on *F*, with *F* set to zero for negative F^2 . The threshold expression of $F^2 > \sigma(F^2)$ is used only for calculating *R*-factors(gt) *etc.* and is not relevant to the choice of reflections for refinement. *R*-factors based on F^2 are statistically about twice as large as those based on *F*, and *R*- factors based on ALL data will be even larger. The data has been truncated at 0.75 Å.

Fractional atomic coordinates and isotropic or equivalent isotropic displacement parameters (\hat{A}^2)

	x	У	Ζ	$U_{ m iso}$ */ $U_{ m eq}$	
C1A	0.15447 (12)	0.46499 (5)	0.09560 (6)	0.0168 (3)	
C2A	0.06813 (12)	0.49166 (5)	0.11557 (6)	0.0174 (3)	
H2A	0.0861	0.5124	0.1488	0.021*	
C3A	-0.04359 (12)	0.48741 (5)	0.08623 (7)	0.0181 (3)	
C4A	-0.07196 (12)	0.45719 (5)	0.03724 (7)	0.0188 (3)	
H4A	-0.1490	0.4549	0.0172	0.023*	
C5A	0.01347 (12)	0.43065 (5)	0.01832 (7)	0.0188 (3)	
C6A	0.12663 (12)	0.43462 (5)	0.04730 (7)	0.0193 (3)	
H6A	0.1851	0.4164	0.0339	0.023*	
C7A	0.27507 (12)	0.46747 (5)	0.12364 (7)	0.0180 (3)	
H7A	0.3278	0.4508	0.1040	0.022*	
C8A	0.32024 (12)	0.49024 (5)	0.17333 (6)	0.0155 (3)	
H8A	0.2692	0.5069	0.1941	0.019*	
C9A	0.44267 (12)	0.49152 (5)	0.19832 (6)	0.0147 (3)	
C10A	0.52534 (12)	0.46805 (5)	0.17172 (7)	0.0184 (3)	

H10A	0.5020	0.4505	0.1361	0.022*
C11A	0.63999 (12)	0.46991 (5)	0.19625 (7)	0.0188 (3)
H11A	0.6942	0.4537	0.1771	0.023*
C12A	0.67846 (12)	0.49502 (5)	0.24851 (6)	0.0145 (3)
C13A	0.59664 (12)	0.51896 (5)	0.27477 (6)	0.0179 (3)
H13A	0.6202	0.5369	0.3101	0.021*
C14A	0.48114 (12)	0.51703 (5)	0.25009 (6)	0.0175 (3)
H14A	0.4270	0.5335	0.2690	0.021*
C15A	0.80193 (12)	0.49572 (5)	0.27384 (6)	0.0153 (3)
C16A	0.87267 (13)	0.45705 (6)	0.26583 (7)	0.0223 (3)
H16A	0.8399	0.4293	0.2455	0.027*
C17A	0.98942 (13)	0.45819 (6)	0.28679 (7)	0.0236 (3)
H17A	1.0354	0.4315	0.2801	0.028*
C18A	1.04088 (12)	0.49784 (5)	0.31748 (6)	0.0175 (3)
C19A	0.96978 (12)	0.53637 (5)	0.32649 (6)	0.0160 (3)
H19A	1.0022	0.5638	0.3477	0.019*
C20A	0.85324 (12)	0.53519 (5)	0.30507 (6)	0.0150 (3)
H20A	0.8071	0.5619	0.3118	0.018*
C21A	1.16440 (12)	0.49687 (6)	0.34026 (7)	0.0197 (3)
H21A	1.2078	0.4722	0.3258	0.024*
C22A	1.22132 (12)	0.52726 (5)	0.37928 (6)	0.0178 (3)
H22A	1.1775	0.5521	0.3930	0.021*
C23A	1.34420 (12)	0.52665 (5)	0.40355 (6)	0.0167 (3)
C24A	1.41857 (12)	0.49137 (6)	0.39001 (6)	0.0189 (3)
H24A	1.3902	0.4657	0.3643	0.023*
C25A	1.53484 (12)	0.49360 (6)	0.41414 (7)	0.0187 (3)
C26A	1.57761 (12)	0.53051 (5)	0.45167 (6)	0.0184 (3)
H26A	1.6571	0.5320	0.4678	0.022*
C27A	1.50255 (12)	0.56549 (5)	0.46552 (6)	0.0180 (3)
C28A	1.38688 (12)	0.56404 (5)	0.44188 (6)	0.0179 (3)
H28A	1.3367	0.5883	0.4516	0.021*
C29A	-0.10905 (14)	0.54661 (7)	0.14674 (7)	0.0280 (4)
H29A	-0.0678	0.5318	0.1830	0.042*
H29B	-0.1807	0.5608	0.1548	0.042*
H29C	-0.0612	0.5716	0.1334	0.042*
C30A	-0.11888 (14)	0.38859 (7)	-0.05346 (8)	0.0342 (4)
H30A	-0.1587	0.3759	-0.0225	0.051*
H30B	-0.1196	0.3645	-0.0847	0.051*
H30C	-0.1579	0.4177	-0.0704	0.051*
C31A	1.72111 (13)	0.45930 (7)	0.41990 (8)	0.0301 (4)
H31A	1.7529	0.4888	0.4060	0.045*
H31B	1.7582	0.4315	0.4050	0.045*
H31C	1.7350	0.4588	0.4634	0.045*
C32A	1.47986 (15)	0.63504 (6)	0.52207 (9)	0.0330 (4)
H32A	1.4360	0.6513	0.4876	0.050*
H32B	1.5262	0.6586	0.5474	0.050*
H32C	1.4269	0.6192	0.5446	0.050*
C29B	1.22529 (13)	0.35012 (7)	0.42489 (8)	0.0291 (4)
		· /		

H29D	1.2407	0.3509	0.4683	0.044*
H29E	1.2680	0.3759	0.4093	0.044*
H29F	1.2496	0.3191	0.4110	0.044*
C2B	0.91825 (13)	0.32978 (6)	0.39548 (7)	0.0194 (3)
H2B	0.8969	0.3547	0.3675	0.023*
C3B	1.03183 (13)	0.32419 (6)	0.42179 (7)	0.0199 (3)
C4B	1.06591 (13)	0.28789 (6)	0.46322 (7)	0.0202 (3)
H4B	1.1441	0.2844	0.4810	0.024*
C5B	0.98301 (13)	0.25722 (6)	0.47757 (7)	0.0205 (3)
C6B	0.86925 (13)	0.26214 (6)	0.45118 (7)	0.0201 (3)
H6B	0.8135	0.2404	0.4610	0.024*
C1B	0.83559 (12)	0.29863 (5)	0.41031 (6)	0.0181 (3)
C7B	0.71374 (12)	0.30156 (6)	0.38449 (6)	0.0186 (3)
H7B	0.6658	0.2776	0.3968	0.022*
C8B	0.66159 (12)	0.33367 (5)	0.34585 (7)	0.0192 (3)
H8B	0.7080	0.3580	0.3330	0.023*
C9B	0.53876 (12)	0.33459 (5)	0.32160 (6)	0.0176 (3)
C10B	0.46492 (12)	0.29667 (5)	0.32902 (6)	0.0166 (3)
H10B	0.4946	0.2691	0.3507	0.020*
C11B	0.34943 (12)	0.29875 (5)	0.30531 (6)	0.0156 (3)
H11B	0.3014	0.2724	0.3109	0.019*
C12B	0.30172 (12)	0.33866 (5)	0.27328 (6)	0.0161 (3)
C13B	0.37525 (13)	0.37678 (6)	0.26680 (7)	0.0212 (3)
H13B	0.3452	0.4047	0.2460	0.025*
C14B	0.49105 (13)	0.37460 (6)	0.29016 (7)	0.0225 (3)
H14B	0.5391	0.4010	0.2847	0.027*
C15B	0.17901 (12)	0.34021 (5)	0.24667 (6)	0.0163 (3)
C16B	0.09571 (12)	0.31668 (5)	0.27237 (7)	0.0189 (3)
H16B	0.1181	0.2985	0.3075	0.023*
C17B	-0.01938 (12)	0.31947 (6)	0.24737 (7)	0.0197 (3)
H17B	-0.0745	0.3032	0.2659	0.024*
C18B	-0.05605 (12)	0.34550 (5)	0.19575 (7)	0.0170 (3)
C19B	0.02796 (12)	0.36855 (5)	0.16970 (7)	0.0186 (3)
H19B	0.0057	0.3863	0.1342	0.022*
C20B	0.14264 (12)	0.36598 (5)	0.19463 (7)	0.0182 (3)
H20B	0.1978	0.3821	0.1760	0.022*
C21B	-0.17861 (12)	0.34744 (5)	0.17100 (7)	0.0184 (3)
H21B	-0.2294	0.3295	0.1906	0.022*
C22B	-0.22425(12)	0.37232 (5)	0.12328 (7)	0.0192 (3)
H22B	-0.1721	0.3903	0.1047	0.023*
C23B	-0.34536(12)	0.37534 (5)	0.09590 (7)	0.0173 (3)
C24B	-0.43179(12)	0.34840 (5)	0.11558 (7)	0.0183 (3)
H24B	-0.4137	0.3275	0.1487	0.022*
C25B	-0.54361(12)	0.35257 (5)	0.08623 (7)	0.0177(3)
C26B	-0.57203 (12)	0.38340 (5)	0.03787 (7)	0.0174 (3)
H26B	-0.6490	0.3856	0.0176	0.021*
C27B	-0.48670 (12)	0.41062 (5)	0.01991 (6)	0.0169 (3)
C28B	-0.37355 (12)	0.40639 (5)	0.04856 (7)	0.0180 (3)

H28B	-0.3152	0.4250	0.0355	0.022*
C30B	1.12008 (15)	0.20950 (7)	0.54112 (8)	0.0331 (4)
H30D	1.1599	0.1998	0.5087	0.050*
H30E	1.1228	0.1832	0.5697	0.050*
H30F	1.1577	0.2378	0.5609	0.050*
C31B	-0.60962(15)	0.29225 (6)	0.14510 (8)	0.0283 (4)
H31D	-0.5607	0.2677	0.1316	0.042*
H31E	-0.6814	0.2776	0.1523	0.042*
H31F	-0.5697	0.3067	0.1819	0.042*
C32B	-0.62030(14)	0.45357 (7)	-0.04972(8)	0.0294 (4)
H32D	-0.6592	0.4247	-0.0674	0.044*
H32E	-0.6222	0.4784	-0.0802	0.044*
H32F	-0.6594	0.4653	-0.0180	0.044*
C6C	1 38454 (12)	0.22574 (5)	0.45759 (6)	0.011
H6C	1 3298	0.22371(3)	0.4729	0.019*
C5C	1 49943 (12)	0.2119 0.22673(5)	0.1729 0.48485 (6)	0.019
C4C	1 57998 (12)	0.22073(5) 0.19932(5)	0.46280(7)	0.0100(3)
	1.57996 (12)	0.19952(5) 0.2001	0.40200 (7)	0.0171(3) 0.021*
C3C	1.0304	0.2001	0.4011 0.41322(7)	0.021
C3C	1.34444(12) 1.42104(12)	0.17039(3) 0.16884(5)	0.41322(7) 0.28582(6)	0.0108(3)
	1.43104 (12)	0.10004 (3)	0.36362 (0)	0.0103(3)
H2C	1.4003	0.1490	0.3321	0.020°
CIC	1.349/0 (12)	0.19700(3)	0.40838(0)	0.0131(3)
	1.22788 (12)	0.19699 (5)	0.38199 (6)	0.0164 (3)
H/C	1.1789	0.2163	0.4011	0.020*
C8C	1.17803 (12)	0.17304 (5)	0.33432 (6)	0.0167 (3)
H8C	1.2263	0.1541	0.3143	0.020*
C9C	1.05527 (12)	0.17327 (5)	0.31000 (6)	0.0151 (3)
C14C	1.01218 (13)	0.14143 (6)	0.26500 (8)	0.0264 (4)
H14C	1.0635	0.1204	0.2499	0.032*
C13C	0.89656 (14)	0.13968 (6)	0.24167 (8)	0.0286 (4)
H13C	0.8701	0.1172	0.2112	0.034*
C12C	0.81788 (12)	0.17009 (5)	0.26172 (6)	0.0151 (3)
C11C	0.86161 (12)	0.20175 (6)	0.30668 (7)	0.0212 (3)
H11C	0.8104	0.2229	0.3217	0.025*
C10C	0.97666 (13)	0.20354 (6)	0.33027 (7)	0.0212 (3)
H10C	1.0029	0.2259	0.3609	0.025*
C15C	0.69448 (12)	0.16939 (5)	0.23627 (6)	0.0154 (3)
C20C	0.64884 (13)	0.13538 (6)	0.19423 (7)	0.0231 (3)
H20C	0.6990	0.1129	0.1808	0.028*
C19C	0.53336 (13)	0.13335 (6)	0.17159 (7)	0.0238 (3)
H19C	0.5059	0.1096	0.1430	0.029*
C18C	0.45600 (12)	0.16546 (5)	0.18980 (6)	0.0162 (3)
C17C	0.50090 (14)	0.19927 (6)	0.23188 (8)	0.0291 (4)
H17C	0.4505	0.2214	0.2459	0.035*
C16C	0.61719 (14)	0.20155 (6)	0.25398 (8)	0.0309 (4)
H16C	0.6449	0.2257	0.2820	0.037*
C21C	0.33291 (12)	0.16459 (5)	0.16694 (6)	0.0172 (3)
H21C	0.2852	0.1838	0.1870	0.021*

C22C	0.28167 (12)	0.13947 (5)	0.12067 (6)	0.0168 (3)
H22C	0.3301	0.1205	0.1009	0.020*
C23C	0.15881 (12)	0.13783 (5)	0.09682 (6)	0.0150 (3)
C28C	0.12162 (12)	0.10430 (5)	0.05276 (6)	0.0161 (3)
H28C	0.1754	0.0836	0.0390	0.019*
C27C	0.00576 (12)	0.10107 (5)	0.02884 (6)	0.0162 (3)
C26C	-0.07309 (12)	0.13105 (5)	0.04851 (6)	0.0163 (3)
H26C	-0.1523	0.1287	0.0322	0.020*
C25C	-0.03562 (12)	0.16461 (5)	0.09225 (6)	0.0162 (3)
C24C	0.07974 (12)	0.16824 (5)	0.11681 (6)	0.0170 (3)
H24C	0.1046	0.1912	0.1469	0.020*
C30C	1.64021 (13)	0.26068 (6)	0.56038 (8)	0.0260 (3)
H30G	1.6725	0.2292	0.5727	0.039*
H30H	1.6454	0.2816	0.5951	0.039*
H30I	1.6834	0.2749	0.5317	0.039*
C29C	1.59720 (14)	0.10730 (6)	0.35327 (7)	0.0259 (3)
H29G	1.5527	0.1209	0.3171	0.039*
H29H	1.5502	0.0838	0.3701	0.039*
H29I	1.6660	0.0916	0.3438	0.039*
C32C	0.04090 (15)	0.04176 (6)	-0.04099 (8)	0.0279 (4)
H32G	0.0907	0.0634	-0.0589	0.042*
H32H	-0.0014	0.0210	-0.0717	0.042*
H32I	0.0878	0.0220	-0.0108	0.042*
C31C	-0.08460 (14)	0.23222 (6)	0.14598 (8)	0.0277 (4)
H31G	-0.0384	0.2209	0.1831	0.042*
H31H	-0.1526	0.2491	0.1547	0.042*
H31I	-0.0387	0.2541	0.1260	0.042*
O1A	-0.13450 (9)	0.51116 (4)	0.10185 (5)	0.0246 (3)
O2A	-0.00321 (9)	0.39978 (4)	-0.02838 (5)	0.0269 (3)
O3A	1.60083 (9)	0.45756 (4)	0.39861 (5)	0.0257 (3)
O4A	1.55294 (9)	0.60032 (4)	0.50278 (5)	0.0261 (3)
O1B	1.10602 (9)	0.35647 (4)	0.40456 (5)	0.0259 (3)
O2B	1.00406 (10)	0.22052 (5)	0.51787 (5)	0.0301 (3)
O3B	-0.63448 (9)	0.32819 (4)	0.10092 (5)	0.0261 (3)
O4B	-0.50431 (9)	0.44240 (4)	-0.02580 (5)	0.0232 (2)
O2C	1.52291 (9)	0.25537 (4)	0.53358 (5)	0.0210 (2)
O1C	1.63029 (9)	0.14468 (4)	0.39530 (5)	0.0232 (2)
O4C	-0.03835 (9)	0.06925 (4)	-0.01410 (5)	0.0233 (2)
O3C	-0.11947 (9)	0.19248 (4)	0.10853 (5)	0.0239 (2)

Atomic displacement parameters $(Å^2)$

	U^{11}	U^{22}	U^{33}	U^{12}	U^{13}	U^{23}
C1A	0.0112 (6)	0.0184 (7)	0.0195 (7)	-0.0013 (5)	-0.0009 (5)	0.0008 (5)
C2A	0.0129 (7)	0.0200 (7)	0.0181 (7)	-0.0001 (5)	-0.0005 (5)	-0.0009 (6)
C3A	0.0114 (7)	0.0224 (7)	0.0201 (7)	0.0019 (5)	0.0014 (5)	0.0044 (6)
C4A	0.0115 (6)	0.0239 (7)	0.0199 (7)	-0.0029 (5)	-0.0005 (5)	0.0034 (6)
C5A	0.0150 (7)	0.0221 (7)	0.0184 (7)	-0.0056 (6)	-0.0001 (5)	-0.0013 (6)

C6A	0.0124 (7)	0.0210 (7)	0.0241 (8)	-0.0015 (5)	0.0019 (6)	-0.0038 (6)
C7A	0.0108 (6)	0.0191 (7)	0.0228 (7)	0.0006 (5)	-0.0008(5)	-0.0028 (6)
C8A	0.0105 (6)	0.0164 (7)	0.0188 (7)	0.0002 (5)	0.0005 (5)	0.0020 (5)
C9A	0.0115 (6)	0.0144 (6)	0.0171 (7)	-0.0022(5)	-0.0009(5)	0.0024 (5)
C10A	0.0133 (7)	0.0202 (7)	0.0201 (7)	0.0000 (5)	-0.0019 (5)	-0.0056 (6)
C11A	0.0119 (7)	0.0214 (7)	0.0221 (7)	0.0004 (5)	-0.0001(5)	-0.0059 (6)
C12A	0.0108 (6)	0.0150 (6)	0.0166 (7)	-0.0014 (5)	-0.0012(5)	0.0007 (5)
C13A	0.0145 (7)	0.0212 (7)	0.0168 (7)	-0.0019(5)	-0.0006 (5)	-0.0044 (6)
C14A	0.0126 (7)	0.0215 (7)	0.0181 (7)	0.0004 (5)	0.0017 (5)	-0.0017 (6)
C15A	0.0118 (6)	0.0178 (7)	0.0151 (6)	-0.0022(5)	-0.0015 (5)	-0.0004(5)
C16A	0.0154 (7)	0.0201 (7)	0.0285 (8)	0.0006 (6)	-0.0046 (6)	-0.0081 (6)
C17A	0.0149 (7)	0.0228 (8)	0.0301 (8)	0.0034 (6)	-0.0048 (6)	-0.0078 (6)
C18A	0.0135 (7)	0.0212 (7)	0.0163 (7)	-0.0018 (5)	-0.0019 (5)	0.0008 (5)
C19A	0.0146 (7)	0.0168 (7)	0.0150 (6)	-0.0033 (5)	-0.0020(5)	-0.0005 (5)
C20A	0.0131 (7)	0.0159 (7)	0.0150 (6)	-0.0001(5)	-0.0003 (5)	-0.0001(5)
C21A	0.0124 (7)	0.0235 (8)	0.0219 (7)	0.0008 (6)	-0.0011 (6)	-0.0007 (6)
C22A	0.0121 (7)	0.0214 (7)	0.0187 (7)	-0.0006 (5)	-0.0007 (5)	0.0023 (6)
C23A	0.0128 (7)	0.0213 (7)	0.0150 (7)	-0.0025 (5)	-0.0005 (5)	0.0049 (5)
C24A	0.0150 (7)	0.0230 (7)	0.0172 (7)	-0.0023 (6)	-0.0014 (5)	0.0012 (6)
C25A	0.0152 (7)	0.0224 (7)	0.0182 (7)	0.0007 (6)	0.0018 (5)	0.0044 (6)
C26A	0.0122 (7)	0.0233 (7)	0.0183 (7)	-0.0035 (5)	-0.0015 (5)	0.0069 (6)
C27A	0.0166 (7)	0.0186 (7)	0.0173 (7)	-0.0044 (5)	-0.0015 (5)	0.0055 (5)
C28A	0.0156 (7)	0.0182 (7)	0.0187 (7)	-0.0008(5)	-0.0005 (5)	0.0042 (6)
C29A	0.0231 (8)	0.0379 (10)	0.0228 (8)	0.0110 (7)	0.0036 (6)	-0.0032 (7)
C30A	0.0205 (8)	0.0429 (11)	0.0360 (10)	-0.0110 (7)	-0.0046 (7)	-0.0150 (8)
C31A	0.0162 (8)	0.0386 (10)	0.0345 (9)	0.0034 (7)	0.0014 (7)	-0.0026 (8)
C32A	0.0286 (9)	0.0219 (8)	0.0447 (11)	-0.0001 (7)	-0.0052 (8)	-0.0094 (7)
C29B	0.0162 (8)	0.0372 (10)	0.0333 (9)	-0.0027 (7)	0.0027 (7)	-0.0052(7)
C2B	0.0172 (7)	0.0223 (7)	0.0175 (7)	0.0014 (6)	-0.0007 (6)	-0.0021 (6)
C3B	0.0161 (7)	0.0232 (7)	0.0203 (7)	-0.0014 (6)	0.0028 (6)	-0.0080 (6)
C4B	0.0135 (7)	0.0273 (8)	0.0186 (7)	0.0036 (6)	-0.0006 (5)	-0.0069 (6)
C5B	0.0172 (7)	0.0248 (8)	0.0183 (7)	0.0049 (6)	-0.0001 (6)	-0.0024 (6)
C6B	0.0156 (7)	0.0238 (8)	0.0205 (7)	0.0011 (6)	0.0016 (6)	-0.0021 (6)
C1B	0.0131 (7)	0.0225 (7)	0.0172 (7)	0.0027 (5)	-0.0015 (5)	-0.0045 (6)
C7B	0.0126 (7)	0.0231 (7)	0.0191 (7)	0.0008 (5)	-0.0004 (5)	-0.0023 (6)
C8B	0.0146 (7)	0.0204 (7)	0.0212 (7)	-0.0009(5)	-0.0013 (6)	-0.0020 (6)
C9B	0.0148 (7)	0.0192 (7)	0.0174 (7)	0.0009 (5)	-0.0017 (5)	-0.0017 (5)
C10B	0.0137 (7)	0.0167 (7)	0.0176 (7)	0.0027 (5)	-0.0023 (5)	0.0004 (5)
C11B	0.0145 (7)	0.0153 (7)	0.0167 (7)	0.0000 (5)	0.0014 (5)	0.0008 (5)
C12B	0.0135 (7)	0.0184 (7)	0.0150 (6)	0.0016 (5)	-0.0016 (5)	-0.0007 (5)
C13B	0.0175 (7)	0.0182 (7)	0.0251 (8)	0.0008 (6)	-0.0043 (6)	0.0042 (6)
C14B	0.0175 (7)	0.0201 (7)	0.0274 (8)	-0.0034 (6)	-0.0032 (6)	0.0032 (6)
C15B	0.0140 (7)	0.0156 (7)	0.0178 (7)	0.0017 (5)	-0.0016 (5)	-0.0006 (5)
C16B	0.0156 (7)	0.0220 (7)	0.0179 (7)	0.0016 (6)	-0.0007 (5)	0.0022 (6)
C17B	0.0147 (7)	0.0229 (8)	0.0210 (7)	-0.0005 (6)	0.0017 (6)	-0.0001 (6)
C18B	0.0123 (7)	0.0166 (7)	0.0207 (7)	0.0018 (5)	-0.0012 (5)	-0.0022 (5)
C19B	0.0145 (7)	0.0189 (7)	0.0206 (7)	0.0025 (5)	-0.0026 (5)	0.0040 (6)
C20B	0.0129 (7)	0.0189 (7)	0.0216 (7)	0.0010 (5)	-0.0005 (5)	0.0047 (6)

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C21B	0.0122 (7)	0.0181 (7)	0.0234 (7)	0.0003 (5)	-0.0012 (5)	-0.0022 (6)
C22B	0.0136 (7)	0.0190 (7)	0.0237 (8)	-0.0017 (5)	-0.0006 (6)	0.0004 (6)
C23B	0.0135 (7)	0.0173 (7)	0.0199 (7)	0.0007 (5)	-0.0011 (5)	-0.0032 (6)
C24B	0.0166 (7)	0.0173 (7)	0.0198 (7)	0.0002 (5)	-0.0004 (6)	-0.0005 (6)
C25B	0.0145 (7)	0.0173 (7)	0.0208 (7)	-0.0012(5)	0.0017 (5)	-0.0033 (6)
C26B	0.0113 (6)	0.0193 (7)	0.0203 (7)	0.0014 (5)	-0.0008(5)	-0.0048 (6)
C27B	0.0146 (7)	0.0178 (7)	0.0174 (7)	0.0038 (5)	0.0001 (5)	-0.0009(5)
C28B	0.0123 (7)	0.0177 (7)	0.0233 (7)	-0.0007 (5)	0.0009 (6)	-0.0008 (6)
C30B	0.0234 (9)	0.0391 (10)	0.0352 (10)	0.0069 (7)	-0.0002(7)	0.0114 (8)
C31B	0.0262 (9)	0.0316 (9)	0.0275 (8)	-0.0060 (7)	0.0061 (7)	0.0034 (7)
C32B	0.0197 (8)	0.0351 (9)	0.0308 (9)	0.0056 (7)	-0.0029(7)	0.0111 (7)
C6C	0.0117 (6)	0.0150 (6)	0.0200 (7)	0.0003 (5)	0.0005 (5)	-0.0012(5)
C5C	0.0158(7)	0.0133 (6)	0.0179(7)	-0.0030(5)	-0.0004(5)	0.0002(5)
C4C	0.0097 (6)	0.0181(7)	0.0222(7)	-0.0017(5)	-0.0010(5)	0.0015(6)
C3C	0.0126(7)	0.0165(7)	0.0212(7)	0.0018(5)	0.0032(5)	0.0014(5)
C2C	0.0120(7) 0.0132(7)	0.0102(7) 0.0173(7)	0.0212(7)	-0.0002(5)	-0.0001(5)	-0.0012(5)
C1C	0.0132(7)	0.0145(6)	0.0184(7)	-0.0002(5)	-0.0001(5)	0.00012(0)
C7C	0.0101 (6)	0.0149(0)	0.0101(7) 0.0192(7)	0.0000(5)	-0.0001(5)	-0.0014(5)
C8C	0.0101(0)	0.0170(7)	0.0192(7) 0.0204(7)	0.0013(5)	-0.0001(5)	-0.0014(5)
C9C	0.0122 (6)	0.0170(7)	0.0201(7) 0.0152(6)	-0.0005(5)	-0.0002(5)	0.0011(3)
C14C	0.0122(0) 0.0171(7)	0.0101(7) 0.0277(8)	0.0102(0) 0.0306(9)	0.0005 (6)	-0.0072(6)	-0.0138(7)
C13C	0.0189(8)	0.0279(9)	0.0336(9)	0.0064 (6)	-0.0112(7)	-0.0177(7)
C12C	0.0135(7)	0.0279(5)	0.0141 (6)	-0.0001(5)	-0.0012(7)	-0.0005(5)
C11C	0.0132(7)	0.0102(7) 0.0285(8)	0.0111(0) 0.0233(8)	0.0004 (6)	0.0022(3)	-0.0118(6)
C10C	0.0112(7) 0.0136(7)	0.0203(0)	0.0233(0) 0.0224(7)	-0.0021(6)	-0.0012(6)	-0.0121(6)
C15C	0.0126(7)	0.0201(0) 0.0170(7)	0.0221(7)	-0.0021(0)	-0.0012(0)	0.002(5)
C20C	0.0124(7) 0.0131(7)	0.0170(7) 0.0304(8)	0.0152(7) 0.0254(8)	0.0000 (5)	0.0023(5)	-0.0146(6)
C19C	0.0131(7)	0.0304(0)	0.0254(0) 0.0260(8)	-0.0014(6)	-0.0023(0)	-0.0157(7)
C18C	0.0131(7) 0.0139(7)	0.0305(0)	0.0200(0) 0.0167(7)	-0.0014(0)	-0.0012(5)	-0.0009(5)
C17C	0.0157(7)	0.0100(7)	0.0167(9)	0.0010 (3)	-0.0095(7)	-0.0164(7)
C16C	0.0102(0)	0.0278(9)	0.0386(10)	0.0054 (6)	-0.0128(7)	-0.0198(7)
C21C	0.0201(0) 0.0123(7)	0.0278(7)	0.0380(10) 0.0190(7)	0.0004(0)	-0.00120(7)	-0.0018(5)
C22C	0.0123(7)	0.0190(7) 0.0183(7)	0.0190(7)	0.0010(5)	0.0011(5)	-0.0010(5)
C22C	0.0125(7)	0.0165(7)	0.0151(7)	-0.0003(3)	-0.0005(5)	0.0027(3)
C23C	0.0110(0)	0.0107(7)	0.0130(7)	0.0004(3)	0.0000(3)	-0.0014(5)
$C_{20}C$	0.0144(7)	0.0148(7)	0.0183(7)	-0.0010(3)	-0.0009(3)	0.0014(3)
C26C	0.0138(7)	0.0144(0)	0.0172(7)	-0.0020(5)	-0.0010(5)	0.0000(5)
C25C	0.0122(0)	0.0103(7)	0.0130(7)	0.0010(3)	0.0019(3)	0.0013(3)
C23C	0.0120(7)	0.0180(7)	0.0177(7)	0.0020(3)	-0.0013(5)	-0.0007(3)
C24C	0.0137(7)	0.0175(7)	0.0103(7)	-0.0003(3)	-0.0013(3)	-0.0039(3)
C30C	0.0208(8)	0.0233(8)	0.0283(8)	-0.0030(0)	-0.0039(0)	-0.0033(7)
C29C	0.0222(8)	0.0270(8)	0.0283(8)	0.0032(0)	0.0037(0)	-0.0073(7)
C32C	0.0293(9)	0.0257(8)	0.0303(9)	-0.0050(7)	0.0044(7)	-0.0103(7)
	0.0238(8)	0.0233(8)	0.0331(9)	0.0055(0)	0.0028(7)	-0.0094(7)
OIA	0.0110(5)	0.0341(6)	0.0274 (6)	0.0058 (4)	0.0015 (4)	-0.0023(5)
02A	0.01/0(5)	0.0343(7)	0.0279 (6)	-0.0068(5)	-0.0009(5)	-0.0123(5)
03A	0.0144(5)	0.0316 (6)	0.0292 (6)	0.0032(4)	-0.0014(4)	-0.0045(5)
04A	0.0190 (6)	0.0215 (6)	0.0348 (6)	-0.0035 (4)	-0.0040 (5)	-0.0049 (5)
OIR	0.0161 (5)	0.0285 (6)	0.0319(6)	-0.0047 (4)	0.0011 (5)	-0.0021(5)

supporting information

O2B	0.0210 (6)	0.0373 (7)	0.0302 (6)	0.0082 (5)	-0.0005 (5)	0.0110 (5)
O3B	0.0167 (5)	0.0303 (6)	0.0311 (6)	-0.0063 (5)	0.0032 (5)	0.0036 (5)
O4B	0.0161 (5)	0.0275 (6)	0.0251 (6)	0.0033 (4)	0.0003 (4)	0.0079 (5)
O2C	0.0163 (5)	0.0216 (5)	0.0223 (5)	-0.0026 (4)	-0.0044 (4)	-0.0054 (4)
O1C	0.0131 (5)	0.0258 (6)	0.0298 (6)	0.0046 (4)	0.0013 (4)	-0.0067 (5)
O4C	0.0198 (5)	0.0200 (5)	0.0271 (6)	-0.0010 (4)	-0.0044 (4)	-0.0089 (4)
O3C	0.0152 (5)	0.0270 (6)	0.0279 (6)	0.0066 (4)	-0.0012 (4)	-0.0083 (5)

Geometric parameters (Å, °)

C1A—C6A	1.387 (2)	C17B—C18B	1.392 (2)
C1A—C2A	1.401 (2)	C17B—H17B	0.9500
C1A—C7A	1.4627 (19)	C18B—C19B	1.398 (2)
C2A—C3A	1.3817 (19)	C18B—C21B	1.4647 (19)
C2A—H2A	0.9500	C19B—C20B	1.3809 (19)
C3A—O1A	1.3607 (18)	C19B—H19B	0.9500
C3A—C4A	1.397 (2)	C20B—H20B	0.9500
C4A—C5A	1.379 (2)	C21B—C22B	1.329 (2)
C4A—H4A	0.9500	C21B—H21B	0.9500
C5A—O2A	1.3603 (18)	C22B—C23B	1.4650 (19)
C5A—C6A	1.3933 (19)	C22B—H22B	0.9500
С6А—Н6А	0.9500	C23B—C28B	1.383 (2)
C7A—C8A	1.333 (2)	C23B—C24B	1.402 (2)
C7A—H7A	0.9500	C24B—C25B	1.383 (2)
C8A—C9A	1.4638 (18)	C24B—H24B	0.9500
C8A—H8A	0.9500	C25B—O3B	1.3605 (18)
C9A—C14A	1.391 (2)	C25B—C26B	1.397 (2)
C9A—C10A	1.398 (2)	C26B—C27B	1.379 (2)
C10A—C11A	1.3774 (19)	C26B—H26B	0.9500
C10A—H10A	0.9500	C27B—O4B	1.3597 (18)
C11A—C12A	1.3940 (19)	C27B—C28B	1.3915 (19)
C11A—H11A	0.9500	C28B—H28B	0.9500
C12A—C13A	1.392 (2)	C30B—O2B	1.4184 (19)
C12A—C15A	1.4768 (18)	C30B—H30D	0.9800
C13A—C14A	1.3876 (19)	С30В—Н30Е	0.9800
C13A—H13A	0.9500	C30B—H30F	0.9800
C14A—H14A	0.9500	C31B—O3B	1.419 (2)
C15A—C20A	1.3943 (19)	C31B—H31D	0.9800
C15A—C16A	1.396 (2)	C31B—H31E	0.9800
C16A—C17A	1.383 (2)	C31B—H31F	0.9800
C16A—H16A	0.9500	C32B—O4B	1.4224 (18)
C17A—C18A	1.394 (2)	C32B—H32D	0.9800
C17A—H17A	0.9500	C32B—H32E	0.9800
C18A—C19A	1.401 (2)	C32B—H32F	0.9800
C18A—C21A	1.4654 (19)	C6C—C1C	1.3866 (19)
C19A—C20A	1.3824 (19)	C6C—C5C	1.3957 (19)
C19A—H19A	0.9500	C6C—H6C	0.9500
C20A—H20A	0.9500	C5C—O2C	1.3614 (17)

C21A—C22A	1.329 (2)	C5C—C4C	1.381 (2)
C21A—H21A	0.9500	C4C—C3C	1.397 (2)
C22A—C23A	1.4649 (19)	C4C—H4C	0.9500
C22A—H22A	0.9500	C3C—O1C	1.3613 (17)
C23A—C24A	1.389 (2)	C3C—C2C	1.3813 (19)
C23A—C28A	1.400 (2)	C_2C-C_1C	1.405 (2)
C_{24A} C_{25A}	1.393 (2)	C2C—H2C	0.9500
C24A - H24A	0.9500	C1C-C7C	1 4651 (18)
$C^{25A} = O^{3A}$	1 3559 (18)	C7C-C8C	1 329 (2)
C_{25A} C_{26A}	1 381 (2)	C7C—H7C	0.9500
C_{26A} C_{27A}	1 391 (2)	C8C - C9C	1 4637 (19)
C_{26A} H26A	0.9500	C8C - H8C	0.9500
C274 - 044	1 3615 (18)	C9C-C14C	1.390(2)
C27A - C28A	1 3835 (19)	$C_{1}C_{1}C_{1}C_{1}C_{1}C_{1}C_{1}C_{1}$	1.390(2) 1.392(2)
C_{2}^{2} H_{2}^{2} H_{2}^{2} H_{2}^{2}	0.9500	$C_{14}C_{14}C_{13}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{14}C_{1$	1.392(2)
$C_{20A} = 01A$	0.9300	$C_{14}C_{}H_{14}C_{}$	1.562 (2)
$C_{29A} = U_{20A}$	1.421(2)	$C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{12}C_{-}C_{-}C_{12}C_{-}C_{-}C_{12}C_{-}C_{-}C_{-}C_{-}C_{-}C_{-}C_{-}C_{-$	0.9300
C_{29A} H_{29B}	0.9800	$C_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{-}U_{12}C_{$	1.392 (2)
С29А—П29В	0.9800		0.9300
C29A—H29C	0.9800		1.38//(19)
$C_{30A} = 02A$	1.4251 (18)		1.4/66 (19)
C30A—H30A	0.9800		1.3//(2)
С30А—Н30В	0.9800	CIIC—HIIC	0.9500
C30A—H30C	0.9800	C10C—H10C	0.9500
C31A—O3A	1.4239 (18)	C15C—C16C	1.389 (2)
C31A—H31A	0.9800	C15C—C20C	1.393 (2)
C31A—H31B	0.9800	C20C—C19C	1.377 (2)
C31A—H31C	0.9800	C20C—H20C	0.9500
C32A—O4A	1.417 (2)	C19C—C18C	1.393 (2)
C32A—H32A	0.9800	C19C—H19C	0.9500
C32A—H32B	0.9800	C18C—C17C	1.388 (2)
C32A—H32C	0.9800	C18C—C21C	1.4609 (19)
C29B—O1B	1.4191 (18)	C17C—C16C	1.384 (2)
C29B—H29D	0.9800	C17C—H17C	0.9500
С29В—Н29Е	0.9800	C16C—H16C	0.9500
C29B—H29F	0.9800	C21C—C22C	1.327 (2)
C2B—C3B	1.384 (2)	C21C—H21C	0.9500
C2B—C1B	1.392 (2)	C22C—C23C	1.4634 (19)
C2B—H2B	0.9500	C22C—H22C	0.9500
C3B—O1B	1.3608 (19)	C23C—C28C	1.3906 (19)
C3B—C4B	1.399 (2)	$C_{23}C_{-}C_{24}C$	1.395 (2)
C4B—C5B	1 382 (2)	C_{28C} C_{27C}	1.3892(19)
C4B—H4B	0.9500	C_{28C} H_{28C}	0.9500
C5B-02B	1.3719 (19)	$C_{27}C_{-04}C$	1.3607 (17)
C5B—C6B	1 385 (2)	$C_{27C} - C_{26C}$	1 383 (2)
C6B-C1B	1.303(2) 1 394(2)	$C_{26} = C_{25} = C_{25}$	1 387 (2)
C6B_H6B	0.9500	С26С—Н26С	0.9500
C1B - C7B	1 4638 (19)	$C_{20} = 1120C$	1 3602 (17)
C7B - C8B	1.7030(17) 1 334 (2)	$C_{25}C_{}C_{24}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{}C_{-$	1.3002(17) 1 3880(10)
	1.557(4)	0230 - 0270	1.5000 (17)

C7B—H7B	0.9500	C24C—H24C	0.9500
C8B—C9B	1.464 (2)	C30C—O2C	1.4259 (17)
C8B—H8B	0.9500	C30C—H30G	0.9800
C9B—C14B	1.394 (2)	С30С—Н30Н	0.9800
C9B—C10B	1.400 (2)	C30C—H30I	0.9800
C10B—C11B	1.3825 (19)	C29C—O1C	1.4274 (19)
C10B—H10B	0.9500	C29C—H29G	0.9800
C11B—C12B	1.3980 (19)	С29С—Н29Н	0.9800
C11B—H11B	0.9500	С29С—Н29І	0.9800
C12B—C13B	1.397 (2)	C32C—O4C	1.4278 (19)
C12B—C15B	1.4760 (19)	C32C—H32G	0.9800
C13B—C14B	1.384 (2)	С32С—Н32Н	0.9800
C13B—H13B	0.9500	C32C—H32I	0.9800
C14B—H14B	0.9500	C31C - O3C	1.4191 (19)
C15B—C16B	1.393 (2)	C31C—H31G	0.9800
C15B-C20B	1 395 (2)	C31C—H31H	0.9800
C16B - C17B	1 3861 (19)	C31C—H31I	0.9800
C16B—H16B	0.9500		0.9000
	0.7200		
C6A - C1A - C2A	119 76 (13)	C20B—C19B—C18B	121 23 (14)
C6A - C1A - C7A	117.44 (13)	C_{20B} C_{19B} H_{19B}	119.4
C2A— $C1A$ — $C7A$	122.80 (13)	C18B—C19B—H19B	119.4
C3A - C2A - C1A	119.03 (13)	C19B— $C20B$ — $C15B$	121.26 (14)
C3A - C2A - H2A	120.5	C19B $C20B$ $H20B$	119.4
C1A - C2A - H2A	120.5	C15B - C20B - H20B	119.4
01A - C3A - C2A	124 27 (14)	C_{22B} C_{21B} C_{18B}	125.08 (14)
01A - C3A - C4A	114.28 (13)	C_{22B} C_{21B} H_{21B}	117.5
$C^2A - C^3A - C^4A$	121 45 (14)	C18B— $C21B$ — $H21B$	117.5
C5A-C4A-C3A	119.08 (13)	C_{21B} C_{22B} C_{23B}	127.82 (14)
C5A-C4A-H4A	120.5	C_{21B} C_{22B} H_{22B}	116.1
C3A - C4A - H4A	120.5	C_{23B} C_{22B} H_{22B}	116.1
02A-C5A-C4A	124.70 (13)	C_{28B} C_{23B} C_{24B}	119.66 (13)
02A-C5A-C6A	115.09(13)	C_{28B} C_{23B} C_{22B}	117 36 (13)
C4A - C5A - C6A	120 21 (14)	$C_{24B} = C_{23B} = C_{22B}$	122.98 (13)
C1A - C6A - C5A	120.21 (11)	$C_{25B} = C_{24B} = C_{23B}$	119 19 (14)
C1A - C6A - H6A	119.8	C_{25B} C_{24B} H_{24B}	120.4
C5A-C6A-H6A	119.8	C_{23B} C_{24B} H_{24B} H_{24B}	120.1
C8A - C7A - C1A	128 11 (14)	O3B-C25B-C24B	124 61 (14)
C8A - C7A - H7A	115.9	03B-C25B-C26B	114 15 (13)
C1A - C7A - H7A	115.9	$C_{24B} = C_{25B} = C_{26B}$	121 24 (13)
C7A - C8A - C9A	124 89 (13)	$C_{27B} = C_{26B} = C_{25B}$	118 99 (13)
C7A - C8A - H8A	117.6	$C_{27B} = C_{26B} = H_{26B}$	120.5
C9A - C8A - H8A	117.6	$C_{25B} = C_{26B} = H_{26B}$	120.5
$C_{14} = C_{94} = C_{104}$	117.0	04B-C27B-C26B	120.5
C14A - C9A - C8A	120 30 (13)	04B - C27B - C28B	127.20(13) 115 31 (13)
C10A - C9A - C8A	120.30 (13)	$C_{26B} = C_{27B} = C_{26B}$	120 41 (13)
$C_{11}A - C_{10}A - C_{9}A$	122.77 (13)	$C_{23B} C_{28B} C_{27B}$	120.41(13) 120.48(14)
C11A - C10A - H10A	110 4	$C_{23B} = C_{20B} = C_{27B}$	110.40 (14)
$CIIA - CIUA - \Pi IUA$	117.4	C25D-C20D-1120D	117.0

C9A—C10A—H10A	119.4	C27B—C28B—H28B	119.8
C10A—C11A—C12A	121.61 (14)	O2B-C30B-H30D	109.5
C10A—C11A—H11A	119.2	O2B-C30B-H30E	109.5
C12A—C11A—H11A	119.2	H30D-C30B-H30E	109.5
C13A—C12A—C11A	117.47 (13)	O2B—C30B—H30F	109.5
C13A—C12A—C15A	122.48 (13)	H30D-C30B-H30F	109.5
C11A—C12A—C15A	120.05 (13)	H30E—C30B—H30F	109.5
C14A—C13A—C12A	120.88 (13)	O3B—C31B—H31D	109.5
C14A—C13A—H13A	119.6	O3B—C31B—H31E	109.5
C12A—C13A—H13A	119.6	H31D—C31B—H31E	109.5
C13A—C14A—C9A	121.62 (13)	O3B-C31B-H31F	109.5
C13A—C14A—H14A	119.2	H31D—C31B—H31F	109.5
C9A - C14A - H14A	119.2	H_{31E} C_{31B} H_{31F}	109.5
C_{20A} C_{15A} C_{16A}	117.33 (13)	04B-C32B-H32D	109.5
C_{20A} C_{15A} C_{12A}	121 80 (13)	O4B-C32B-H32E	109.5
C_{16A} C_{15A} C_{12A}	121.00(13) 120.84(13)	H_{32D} C_{32B} H_{32E}	109.5
C17A - C16A - C15A	120.04(13) 121.45(14)	04B-C32B-H32E	109.5
C17A - C16A - H16A	110.3	$H_{32}D_{-C_{32}B_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{32}F_{-H_{3$	109.5
$C_{15A} = C_{16A} = H_{16A}$	110.3	H32E C32E H32E	109.5
$C_{15A} = C_{10A} = M_{10A}$	119.3 121 20 (14)	11321 - 0.000 - 0.0000	109.5 120.45(13)
$C_{10A} = C_{17A} = C_{10A}$	110 /	C1C $C6C$ $H6C$	120.45 (15)
C18A = C17A = H17A	119.4		119.8
C17A = C17A = M17A	117.4	$C_{2}C_{2}C_{2}C_{2}C_{2}C_{2}C_{2}C_{2}$	117.0 124.49(12)
C17A = C18A = C19A	117.46 (13)	020 - 050 - 040	124.40(13)
C1/A $C18A$ $C21A$	119.24(14) 122.25(12)	020-050-060	115.20(13) 120.21(12)
C19A - C18A - C21A	123.25(13)	$C_{4} = C_{5} = C_{6} = C_{6$	120.31(13)
C_{20A} C_{19A} C_{18A}	121.08 (13)		118.99 (13)
C20A—C19A—H19A	119.5	$C_{3}C_{-}C_{4}C_{-}H_{4}C_{-}$	120.5
C18A—C19A—H19A	119.5	$C_3C - C_4C - H_4C$	120.5
C19A - C20A - C15A	121.44 (13)	010 - 030 - 020	124.23 (13)
C19A—C20A—H20A	119.3	010-030-040	114.29 (12)
C15A—C20A—H20A	119.3	C2C—C3C—C4C	121.47 (13)
C22A—C21A—C18A	126.04 (14)	C3C—C2C—C1C	119.16 (13)
С22А—С21А—Н21А	117.0	C3C—C2C—H2C	120.4
C18A—C21A—H21A	117.0	C1C—C2C—H2C	120.4
C21A—C22A—C23A	127.20 (14)	C6C—C1C—C2C	119.61 (13)
C21A—C22A—H22A	116.4	C6C—C1C—C7C	118.07 (13)
C23A—C22A—H22A	116.4	C2C—C1C—C7C	122.31 (13)
C24A—C23A—C28A	119.52 (13)	C8C—C7C—C1C	127.38 (13)
C24A—C23A—C22A	123.22 (13)	C8C—C7C—H7C	116.3
C28A—C23A—C22A	117.26 (13)	C1C—C7C—H7C	116.3
C23A—C24A—C25A	119.94 (14)	C7C—C8C—C9C	125.69 (13)
C23A—C24A—H24A	120.0	С7С—С8С—Н8С	117.2
C25A—C24A—H24A	120.0	С9С—С8С—Н8С	117.2
O3A—C25A—C26A	123.32 (13)	C14C—C9C—C10C	116.93 (13)
O3A—C25A—C24A	115.83 (13)	C14C—C9C—C8C	119.64 (13)
C26A—C25A—C24A	120.84 (14)	C10C—C9C—C8C	123.42 (13)
C25A—C26A—C27A	118.96 (13)	C13C—C14C—C9C	121.58 (14)
C25A—C26A—H26A	120.5	C13C—C14C—H14C	119.2

C27A—C26A—H26A	120.5	C9C—C14C—H14C	119.2
O4A—C27A—C28A	124.38 (14)	C14C—C13C—C12C	121.57 (14)
O4A—C27A—C26A	114.51 (13)	C14C—C13C—H13C	119.2
C28A—C27A—C26A	121.11 (14)	C12C—C13C—H13C	119.2
C27A—C28A—C23A	119.63 (14)	C11C—C12C—C13C	116.48 (13)
C27A—C28A—H28A	120.2	C11C—C12C—C15C	121.35 (13)
C23A—C28A—H28A	120.2	C13C—C12C—C15C	122.17 (13)
O1A—C29A—H29A	109.5	C10C—C11C—C12C	122.23 (14)
O1A—C29A—H29B	109.5	C10C—C11C—H11C	118.9
H29A—C29A—H29B	109.5	C12C—C11C—H11C	118.9
O1A—C29A—H29C	109.5	C11C—C10C—C9C	121.22 (13)
H29A—C29A—H29C	109.5	C11C—C10C—H10C	119.4
H29B—C29A—H29C	109.5	C9C—C10C—H10C	119.4
O2A—C30A—H30A	109.5	C16C—C15C—C20C	116.37 (13)
O2A—C30A—H30B	109.5	C16C—C15C—C12C	122.08 (13)
H30A—C30A—H30B	109.5	C20C—C15C—C12C	121.52 (13)
O2A—C30A—H30C	109.5	C19C—C20C—C15C	122.10(14)
H30A—C30A—H30C	109.5	C19C—C20C—H20C	118.9
H30B-C30A-H30C	109.5	C15C—C20C—H20C	118.9
O3A—C31A—H31A	109.5	C20C—C19C—C18C	121.35 (14)
O3A—C31A—H31B	109.5	C20C—C19C—H19C	119.3
H31A—C31A—H31B	109.5	C18C—C19C—H19C	119.3
O3A - C31A - H31C	109.5	C17C - C18C - C19C	116.81 (13)
H_{31A} $-C_{31A}$ $-H_{31C}$	109.5	C17C - C18C - C21C	120.05(13)
H_{31B} C_{31A} H_{31C}	109.5	C19C - C18C - C21C	123.15(13)
O4A - C32A - H32A	109.5	C16C - C17C - C18C	121.65 (15)
O4A - C32A - H32B	109.5	C16C - C17C - H17C	119.2
H_{32A} C_{32A} H_{32B}	109.5	$C_{18}C_{-}C_{17}C_{-}H_{17}C$	119.2
O4A - C32A - H32C	109.5	C17C - C16C - C15C	121.70 (14)
H32A - C32A - H32C	109.5	C17C - C16C - H16C	119.1
H32B-C32A-H32C	109.5	C15C-C16C-H16C	119.1
O1B-C29B-H29D	109.5	$C_{22}C_{-}C_{21}C_{-}C_{18}C$	125.94 (14)
O1B $C29B$ $H29E$	109.5	C22C - C21C - H21C	117.0
H_{29D} C_{29B} H_{29E}	109.5	$C_{18}C_{-}C_{21}C_{-}H_{21}C$	117.0
01B - C29B - H29F	109.5	$C_{21}C_{-}C_{22}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{$	127 19 (14)
H_{29D} C_{29B} H_{29F}	109.5	$C_{21}C_{-}C_{22}C_{-}H_{22}C$	116.4
H29E—C29B—H29F	109.5	$C_{23}C_{-}C_{22}C_{-}H_{22}C$	116.4
C3B-C2B-C1B	119 53 (14)	$C_{28}C_{-}C_{23}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{$	119.95 (13)
C3B-C2B-H2B	120.2	$C_{28}C_{-}C_{23}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{$	117.63 (13)
C1B-C2B-H2B	120.2	$C_{24}C_{-}C_{23}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{-}C_{22}C_{$	122 43 (13)
O1B-C3B-C2B	115 13 (14)	$C_{27}C_{-}C_{28}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{-}C_{23}C_{$	119 94 (13)
O1B $C3B$ $C4B$	123 32 (13)	$C_{27}C_{-}C_{28}C_{+}H_{28}C$	120.0
C2B-C3B-C4B	121 56 (14)	$C_{23}C_{-}C_{28}C_{-}H_{28}C$	120.0
C5B-C4B-C3B	11833(13)	$04C - C^{27}C - C^{26}C$	115.61(12)
C5B-C4B-H4B	120.8	04C - C27C - C28C	123.97 (13)
C3B-C4B-H4B	120.8	$C_{26} = C_{27} = C_{28} = C$	120.97(13) 120.41(13)
02B-C5B-C4B	124.50 (14)	$C_{27C} - C_{26C} - C_{25C}$	119.49 (13)
02B-C5B-C6B	114 80 (14)	$C_{27}C_{-}C_{26}C_{-}H_{26}C_{-}$	120.3
		02,0 0200 11200	120.0

C4B—C5B—C6B	120.71 (14)	C25C—C26C—H26C	120.3
C5B—C6B—C1B	120.73 (14)	O3C—C25C—C26C	115.12 (12)
C5B—C6B—H6B	119.6	O3C—C25C—C24C	123.99 (13)
C1B—C6B—H6B	119.6	C26C—C25C—C24C	120.89 (13)
C2B—C1B—C6B	119.13 (13)	C25C—C24C—C23C	119.31 (13)
C2B—C1B—C7B	123.39 (14)	C25C—C24C—H24C	120.3
C6B—C1B—C7B	117.48 (14)	C23C—C24C—H24C	120.3
C8B—C7B—C1B	128.17 (14)	O2C—C30C—H30G	109.5
C8B—C7B—H7B	115.9	O2C—C30C—H30H	109.5
C1B—C7B—H7B	115.9	H30G—C30C—H30H	109.5
C7B—C8B—C9B	125.49 (14)	O2C—C30C—H30I	109.5
C7B—C8B—H8B	117.3	H30G—C30C—H30I	109.5
C9B—C8B—H8B	117.3	H30H—C30C—H30I	109.5
C14B - C9B - C10B	117.48 (13)	01C-C29C-H29G	109.5
C14B $C9B$ $C8B$	119.89 (13)	01C-C29C-H29H	109.5
C10B-C9B-C8B	122 63 (13)	H_{29G} C_{29C} H_{29H}	109.5
C11B - C10B - C9B	122.03(13) 121.01(13)	$01C - C^{2}9C - H^{2}9I$	109.5
C11B - C10B - H10B	110 5	H_{29G} C_{29C} H_{29I}	109.5
COB CIOB HIOB	119.5	H29H C29C H29I	109.5
CIOR CIIB CI2B	121 56 (13)	04C $C32C$ $H32G$	109.5
C10B = C11B = C12B	110.2	04C - C32C - H32H	109.5
$C_{10} = C_{11} = C$	119.2		109.5
C12D $C12D$ $C11D$ $C11D$	119.2	$n_{320} - c_{320} - n_{320}$	109.5
C12D = C12D = C15D	117.50(15) 121.20(12)	040-0320-0321	109.5
C11B - C12B - C15B	121.30(13) 121.40(12)	H32G-C32C-H32I	109.5
C14D = C12D = C13D	121.40(13) 121.20(14)	$H_{32H} - C_{32C} - H_{32H}$	109.5
C14B - C13B - C12B	121.20 (14)		109.5
C14B—C13B—H13B	119.4		109.5
C12B— $C13B$ — $H13B$	119.4	H3IG-C3IC-H3IH	109.5
C13B - C14B - C9B	121.44 (14)		109.5
CI3B—CI4B—HI4B	119.3	H3IG—C3IC—H3II	109.5
CICD CICD COOP	119.3	H31H—C31C—H311	109.5
C16B—C15B—C20B	117.71 (13)	C3A—OIA—C29A	116.65 (12)
C16B—C15B—C12B	121.83 (13)	C5A—O2A—C30A	117.18 (13)
C20B—C15B—C12B	120.47 (13)	C25A—O3A—C31A	118.07 (12)
C17B—C16B—C15B	120.92 (14)	C27A—O4A—C32A	117.23 (12)
C17B—C16B—H16B	119.5	C3B—O1B—C29B	118.41 (13)
C15B—C16B—H16B	119.5	C5B—O2B—C30B	117.89 (13)
C16B—C17B—C18B	121.51 (14)	C25B—O3B—C31B	116.87 (12)
C16B—C17B—H17B	119.2	C27B—O4B—C32B	116.82 (12)
C18B—C17B—H17B	119.2	C5C—O2C—C30C	117.52 (12)
C17B—C18B—C19B	117.37 (13)	C3C—O1C—C29C	117.02 (12)
C17B—C18B—C21B	119.56 (13)	C27C—O4C—C32C	117.52 (12)
C19B—C18B—C21B	123.07 (13)	C25C—O3C—C31C	117.45 (12)
C6A—C1A—C2A—C3A	-0.5 (2)	C17B—C18B—C21B—C22B	177.60 (15)
C7A—C1A—C2A—C3A	179.58 (14)	C19B—C18B—C21B—C22B	-2.8 (2)
C1A—C2A—C3A—O1A	179.44 (14)	C18B—C21B—C22B—C23B	179.20 (14)
C1A—C2A—C3A—C4A	0.0 (2)	C21B—C22B—C23B—C28B	175.56 (15)

O1A—C3A—C4A—C5A	-178.75 (13)	C21B—C22B—C23B—C24B	-4.5 (2)
C2A—C3A—C4A—C5A	0.8 (2)	C28B—C23B—C24B—C25B	1.6 (2)
C3A—C4A—C5A—O2A	179.50 (14)	C22B—C23B—C24B—C25B	-178.41 (13)
C3A—C4A—C5A—C6A	-0.9 (2)	C23B—C24B—C25B—O3B	179.65 (14)
C2A—C1A—C6A—C5A	0.4 (2)	C23B—C24B—C25B—C26B	-0.7(2)
C7A—C1A—C6A—C5A	-179.74 (13)	O3B—C25B—C26B—C27B	178.71 (13)
O2A—C5A—C6A—C1A	179.98 (14)	C24B—C25B—C26B—C27B	-1.0(2)
C4A—C5A—C6A—C1A	0.4 (2)	C25B—C26B—C27B—O4B	-178.84 (13)
C6A—C1A—C7A—C8A	-173.06 (16)	C25B—C26B—C27B—C28B	1.8 (2)
C2A—C1A—C7A—C8A	6.8 (2)	C24B—C23B—C28B—C27B	-0.8(2)
C1A—C7A—C8A—C9A	-179.23 (14)	C22B—C23B—C28B—C27B	179.17 (13)
C7A—C8A—C9A—C14A	179.00 (15)	O4B—C27B—C28B—C23B	179.68 (13)
C7A—C8A—C9A—C10A	-0.4 (2)	C26B—C27B—C28B—C23B	-0.9 (2)
C14A—C9A—C10A—C11A	0.5 (2)	C1C—C6C—C5C—O2C	-178.51 (13)
C8A—C9A—C10A—C11A	179.95 (14)	C1C—C6C—C5C—C4C	0.5 (2)
C9A—C10A—C11A—C12A	0.2 (2)	O2C—C5C—C4C—C3C	178.37 (13)
C10A—C11A—C12A—C13A	-1.0 (2)	C6C—C5C—C4C—C3C	-0.5 (2)
C10A—C11A—C12A—C15A	179.27 (14)	C5C—C4C—C3C—O1C	-179.65 (13)
C11A—C12A—C13A—C14A	1.1 (2)	C5C—C4C—C3C—C2C	0.3 (2)
C15A—C12A—C13A—C14A	-179.21 (13)	01C—C3C—C2C—C1C	179.92 (14)
C12A—C13A—C14A—C9A	-0.4 (2)	C4C—C3C—C2C—C1C	0.0 (2)
C10A—C9A—C14A—C13A	-0.4 (2)	C5C—C6C—C1C—C2C	-0.2 (2)
C8A—C9A—C14A—C13A	-179.89 (13)	C5C—C6C—C1C—C7C	179.33 (13)
C13A—C12A—C15A—C20A	-31.9(2)	C3C—C2C—C1C—C6C	0.0 (2)
C11A—C12A—C15A—C20A	147.87 (15)	C3C—C2C—C1C—C7C	-179.55 (13)
C13A—C12A—C15A—C16A	150.00 (15)	C6C—C1C—C7C—C8C	178.32 (15)
C11A—C12A—C15A—C16A	-30.3 (2)	C2C—C1C—C7C—C8C	-2.2 (2)
C20A—C15A—C16A—C17A	-1.5 (2)	C1C—C7C—C8C—C9C	178.72 (14)
C12A—C15A—C16A—C17A	176.78 (15)	C7C—C8C—C9C—C14C	-170.93 (16)
C15A—C16A—C17A—C18A	0.9 (3)	C7C—C8C—C9C—C10C	7.9 (2)
C16A—C17A—C18A—C19A	0.3 (2)	C10C—C9C—C14C—C13C	-0.4 (3)
C16A—C17A—C18A—C21A	178.35 (15)	C8C—C9C—C14C—C13C	178.54 (16)
C17A—C18A—C19A—C20A	-0.7 (2)	C9C—C14C—C13C—C12C	0.7 (3)
C21A—C18A—C19A—C20A	-178.74 (14)	C14C—C13C—C12C—C11C	-0.7 (3)
C18A—C19A—C20A—C15A	0.1 (2)	C14C—C13C—C12C—C15C	178.57 (16)
C16A—C15A—C20A—C19A	1.0 (2)	C13C—C12C—C11C—C10C	0.4 (2)
C12A—C15A—C20A—C19A	-177.24 (13)	C15C—C12C—C11C—C10C	-178.83 (15)
C17A—C18A—C21A—C22A	-166.43 (16)	C12C—C11C—C10C—C9C	-0.2 (3)
C19A—C18A—C21A—C22A	11.5 (2)	C14C—C9C—C10C—C11C	0.1 (2)
C18A—C21A—C22A—C23A	178.86 (14)	C8C—C9C—C10C—C11C	-178.75 (15)
C21A—C22A—C23A—C24A	-3.0 (2)	C11C—C12C—C15C—C16C	2.9 (2)
C21A-C22A-C23A-C28A	176.53 (15)	C13C—C12C—C15C—C16C	-176.30 (16)
C28A—C23A—C24A—C25A	-0.5 (2)	C11C—C12C—C15C—C20C	-175.23 (15)
C22A—C23A—C24A—C25A	179.02 (13)	C13C—C12C—C15C—C20C	5.5 (2)
C23A—C24A—C25A—O3A	179.81 (13)	C16C—C15C—C20C—C19C	-0.4 (2)
C23A—C24A—C25A—C26A	0.2 (2)	C12C—C15C—C20C—C19C	177.83 (15)
O3A—C25A—C26A—C27A	-179.18 (13)	C15C—C20C—C19C—C18C	0.0 (3)
C24A—C25A—C26A—C27A	0.5 (2)	C20C—C19C—C18C—C17C	-0.3 (3)

C25A—C26A—C27A—O4A	-179.96 (13)	C20C—C19C—C18C—C21C	179.99 (15)
C25A—C26A—C27A—C28A	-0.7 (2)	C19C—C18C—C17C—C16C	1.1 (3)
O4A—C27A—C28A—C23A	179.51 (13)	C21C—C18C—C17C—C16C	-179.18 (16)
C26A—C27A—C28A—C23A	0.3 (2)	C18C—C17C—C16C—C15C	-1.6 (3)
C24A—C23A—C28A—C27A	0.3 (2)	C20C—C15C—C16C—C17C	1.2 (3)
C22A—C23A—C28A—C27A	-179.27 (13)	C12C—C15C—C16C—C17C	-177.03 (16)
C1B—C2B—C3B—O1B	-179.80(13)	C17C—C18C—C21C—C22C	168.93 (16)
C1B—C2B—C3B—C4B	-0.1 (2)	C19C—C18C—C21C—C22C	-11.3(2)
O1B—C3B—C4B—C5B	179.74 (14)	C18C—C21C—C22C—C23C	179.92 (14)
C2B-C3B-C4B-C5B	0.1 (2)	$C_{21}C_{-}C_{22}C_{-}C_{23}C_{-}C_{28}C$	-171.75(15)
C3B-C4B-C5B-O2B	-179.20(14)	$C_{21}C_{-}C_{22}C_{-}C_{23}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{-}C_{24}C_{$	8.0 (2)
C3B-C4B-C5B-C6B	05(2)	$C_{24}C_{-}C_{23}C_{-}C_{28}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{-}C_{27}C_{$	-0.2(2)
02B-C5B-C6B-C1B	178 66 (14)	$C^{2}C - C^{2}C - C^{2}C - C^{2}C$	179.64(13)
C4B-C5B-C6B-C1B	-11(2)	$C^{23}C - C^{28}C - C^{27}C - O^{4}C$	-179.64(13)
C_{3B} C_{2B} C_{1B} C_{6B}	-0.4(2)	$C_{23}C_{-}C_{28}C_{-}C_{27}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{-}C_{26}C_{$	01(2)
C_{3B} C_{2B} C_{1B} C_{7B}	-17955(13)	$04C - C^{2}C - C^{2}C - C^{2}C$	179.99(13)
C5B - C6B - C1B - C2B	10(2)	$C_{28}C_{-}C_{27}C_{-}C_{26}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{$	0.3(2)
C5B-C6B-C1B-C7B	-179.80(13)	$C_{27}C_{-}C_{26}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{3}C_{-}C_{25}C_{-}O_{2}C_{-}C_{25}C_{-}O_{2}C_{-}C_{25}C_{-}O_{2}C_{-}C_{25}C_{-}O_{2}C_{-}C_{25}C_{-}O_{2}C_{-}C_{25}C_{-}O_{2}C_{-}C_{25}C_{-}O_{2}C_{-}C_{25}C_{-}O_{2}C_{-}C_{25}C_{-}O_{2}C_{-}C_{25}C_{-}O_{2}C_{-}C_{25}C_{-}O_{2}C_{-}C_{25}C_{-}O_{2}C_{-}C_{25}C_{-}O_{2}C_{-}C_{25}C_{-}O_{2}C_{-}C_{25}C_{-}O_{2}C_{-}C_{25}C_{-}O_{2}C_{-}C_{25}C_{-}O_{2}C_{-}C_{25}C_{-}O_{2}C_{-}C_{25}C_{-}O_{2}C_{-}C_{25}C_{-}O_{2}C_{-}C_{2}C_{-}C_{2}C_{-}C_{2}C_{-}C_{2}C_{-}C_{2}C_{-}C_{2}C_{-}C_{2}C_{-}C_{2}C_{-}C_{2}C_{-}C_{2}C_{-}C_{2}C_{-}C_{2}C_{-}C_{2}C_{-}C_{2}C_{-}C_{2}C_{-}C_{2}C_{-}C_{2}C_{-}C_{2}C_{-}C_{2}C_{-}C_{2}C_{-}C_{2}C_{-}C_{2}C_{-}C_{2}C_{-}C_{2}C_{-}C_{2}C_{-}C_{2}C_{-}C_{2}C_{-}C_{2}C_{-}C_{2}C_{-}C_{2}C_{-}C_{2}C_{-}C_{2}C_{-}C_{2}C_{-}C_{2}C_{-}C_{2}C_{-}C_{2}C_{-}C_{$	179 86 (13)
C_{2B} C_{1B} C_{7B} C_{8B}	-24(2)	$C_{27}C_{-}C_{26}C_{-}C_{25}C_{-}C_{24}C_{-}C_{25}C_{-}C_{24}C_{-}C_{25}C_{-}C_{24}C_{-}C_{25}C_{-}C_{24}C_{-}C_{25}C_{-}C_{24}C_{-}C_{25}C_{-}C_{24}C_{-}C_{25}C_{-}C_{24}C_{-}C_{25}C_{-}C_{24}C_{-}C_{25}C_{-}C_{24}C_{-}C_{25}C_{-}C_{24}C_{-}C_{25}C_{-}C_{24}C_{-}C_{25}C_{-}C_{24}C_{-}C_{25}C_{-}C_{24}C_{-}C_{25}C_{-}C_{24}C_{-}C_{25}C_{-}C_{24}C_{-}C_{25}C_{-}C_{24}C_{-}C_{25}C_{-}C_{24}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{$	-0.5(2)
C6B-C1B-C7B-C8B	178.46(15)	$03C - C^{2}5C - C^{2}4C - C^{2}3C$	-179.99(14)
C1B - C7B - C8B - C9B	179.96 (14)	$C_{25}^{25} = C_{24}^{25} = C_{25}^{25} = C_{24}^{25} = C_{25}^{25} = C_{24}^{25} = C_{25}^{25} = $	0.4(2)
C7B $C8B$ $C9B$ $C14B$	168 33 (16)	$C_{23}C_{-}C_{23}C_{-}C_{24}C_{-}C_{25}C_{-}C_{24}C_{-}C_{25}C_{-}C_{24}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{$	-0.1(2)
C7B $C8B$ $C9B$ $C10B$	-110(2)	$C_{23}C_{-}C_{23}C_{-}C_{24}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{-}C_{25}C_{$	-179.86(13)
$C_{14B} = C_{9B} = C_{10B} = C_{11B}$	0.8(2)	$C_{24} = C_{23} = C_{24} = C$	7 8 (2)
C_{8B} C_{9B} C_{10B} C_{11B}	-17979(14)	$C_{2A} = C_{3A} = O_{1A} = C_{29A}$	-172.69(14)
C9B-C10B-C11B-C12B	-0.2(2)	C4A = C5A = O2A = C30A	-102(2)
C10B-C11B-C12B-C13B	-0.8(2)	$C_{6A} = C_{5A} = O_{2A} = C_{30A}$	10.2(2) 170 20(15)
C10B $C11B$ $C12B$ $C15B$	178 33 (13)	$C_{26A} = C_{25A} = O_{2A} = C_{30A} = C_{31A}$	-31(2)
$C_{11B} = C_{12B} = C_{13B} = C_{14B}$	178.33(13) 13(2)	$C_{20A} - C_{25A} - O_{3A} - C_{31A}$	3.1(2) 177 21 (14)
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	-177.88(14)	C_{24}^{28} C_{25}^{27} O_{4}^{27} C_{25}^{27}	53(2)
$C_{12}^{12} = C_{12}^{12} = C_{13}^{13} = C_{14}^{14} = $	-0.7(2)	$C_{26A} = C_{27A} = O_{4A} = C_{32A}$	-175.46(14)
$C_{12} = C_{13} = C_{14} = C_{7} = C_{7}$	-0.1(2)	$C_{20}A - C_{27}A - O_{4}A - C_{32}A$ $C_{2B}C_{3B}C_{1B}C_{20}B$	-173.65(13)
$C_{10}^{P} = C_{10}^{P} = C_{14}^{P} = C_{13}^{P} = C_{14}^{P} = C_{13}^{P} = C_{14}^{P} = C_{13}^{P} = C_{14}^{P} = C_{$	-170.78(15)	$C_{2}B = C_{3}B = O_{1}B = C_{2}O_{2}B$	67(2)
$C_{3D} = C_{3D} = C_{14D} = C_{15D}$	-140.58(15)	C4B = C5B = O1B = C27B	-80(2)
$C_{11}^{11} C_{12}^{12} C_{15}^{15} C_{15}^{16} C_{16}^{16} C_{1$	149.38(13)	C4B = C5B = O2B = C30B	3.0(2)
$C_{12}^{12} = C_{12}^{12} = C_{15}^{15} = C_{10}^{10} = $	31.3(2)	$C_{0}D = C_{0}D = 02D = C_{0}DD$	-7.4(2)
$C_{11B} = C_{12B} = C_{15B} = C_{20B}$	23.3(2) -140.26(14)	$C_{24B} = C_{25B} = O_{3B} = C_{31B}$	7.4(2)
C10P C15P C16P C17P	-0.0(2)	$C_{20} = C_{23} = C_{30} = C_{31} = C$	1/2.87(13)
C_{20B} C_{13B} C_{10B} C_{17B} C_{17B}	-0.9(2)	$C_{20B} = C_{27B} = O_{4B} = C_{32B}$	10.7(2)
C12D— $C13D$ — $C10D$ — $C17DC15D$ — $C16D$ — $C17D$ — $C19D$	1/8.33(13)	$C_{28B} = C_{27B} = 04B = C_{32B}$	-109.93(14)
C16D - C17D - C18D - C10D	0.4(2)	C4C - C5C - O2C - C30C	3.9(2)
$C_{10} = C_{17} = C_{10} = C_{19} = C$	0.4(2)	$C_{0}C_{-}C_{3}C_{-}C_{2}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{3}C_{-}C_{-$	-126(2)
C10D - C17D - C10D - C20D	-1/9.90(14) -0.7(2)	$C_{2}C_{-}C_{3}C_{-}O_{1}C_{-}C_{2}S_{-}C_{2}C_{-}O_{1}C_{-}C_{2}S_{-}C_{-}C_{2}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}S_{-}C_{-}C_{-}C_{-}S_{-}C_{-}C_{-}C_{-}C_{-}C_{-}C_{-}C_{-}C$	-12.0(2)
$C_{1}D = C_{1}OD = C_{1}OD = C_{2}OD$	0.7(2)	$C_{4}C_{-}C_{3}C_{-}C_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2}S_{1}C_{-}C_{2$	107.30(13) 172.24(14)
$C_{10} = C_{10} = C$	1/9.12(14)	$C_{20} = C_{27} = C_{40} = C_{32} = C_{40} = C_{32} = C_{40} = C_{32} = C_{40} = C_{32} = C_{40} = C$	7.0 (2)
$C_{10}B = C_{19}B = C_{20}B = C_{10}B$	0.1(2)	$C_{26} = C_{27} = C_{40} = C$	-7.9(2)
C10B - C15B - C20B - C19B	0.7(2)	$C_{20} = C_{25} = C_{30} = C_{31} = C$	-1/0.26(14)
U12B-U13B-U20B-U19B	-1/8.81 (14)	U24U-U23U-U3U-U3IU	10.1 (2)