

Analysis of NH₂-NH₃⁺ molecules in CSD

Version 5.32 plus updates (Nov 2010, Feb 2011, May 2011, Aug 2011, Nov 2011)

Search criteria: 3-D coordinates determined, no powder structures, only organics

COUNT	MIN	MAX	MEAN	STD.DEV
49	1.396	1.463	1.442	0.011

NAME	DISTANCE	REFERENCE (Journal, volume, page, year)
ABOCOK	1.434	M.Gryz, W.Starosta, J.Leciejewicz, J.Coord.Chem., 57, 917, 2004
AQESOE	1.443	A.Hammerl, G.Holl, M.Kaiser, T.M.Klapotke, H.Piotrowski, Z.Anorg.Allg.Chem., 629, 2117, 2003
AQESOE	1.444	A.Hammerl, G.Holl, M.Kaiser, T.M.Klapotke, H.Piotrowski, Z.Anorg.Allg.Chem., 629, 2117, 2003
BERCEG	1.454	A.C.Benniston, D.S.Yufit, J.A.K.Howard, Acta Crystallogr., C55, 1535, 1999
BERCEG	1.454	A.C.Benniston, D.S.Yufit, J.A.K.Howard, Acta Crystallogr., C55, 1535, 1999
COKSUR	1.447	W.Starosta, J.Leciejewicz, The Open Crystallography Journal, 1, 31, 2008
COKSUR	1.431	W.Starosta, J.Leciejewicz, The Open Crystallography Journal, 1, 31, 2008
COKTAY	1.44	W.Starosta, J.Leciejewicz, The Open Crystallography Journal, 1, 31, 2008
CRAMCA10	1.451	W.Starosta, J.Leciejewicz, The Open Crystallography Journal, 1, 31, 2008
DOXJOQ	1.452	K.N.Trueblood, C.B.Knobler, D.S.Lawrence, R.V.Stevens, J.Am.Chem.Soc., 104, 1355, 1982
ECIWUI	1.453	T.M.Klapotke, J.Stierstorfer, J.Am.Chem.Soc., 131, 1122, 2009
ECIXAP	1.443	A.Hammerl, T.M.Klapotke, H.Noeth, M.Warchhold, G.Holl, M.Kaiser, U.Ticmanis, Inorg.Chem., 40, 3570, 2001
ECIXAP	1.45	A.Hammerl, T.M.Klapotke, H.Noeth, M.Warchhold, G.Holl, M.Kaiser, U.Ticmanis, Inorg.Chem., 40, 3570, 2001
EFOBOR	1.45	T.M.Klapotke, P.Mayer, C.M.Sabate, J.M.Welch, N.Wiegand, Inorg.Chem., 47, 6014, 2008
FIYMUV	1.432	A.N.Chekhlov, I.V.Martynov, V.K.Brel, Dokl.Akad.Nauk SSSR(Russ.) (Proc.Nat.Acad.Sci.USSR), 292, 149, 1987
FOMKEY	1.449	G.Turgut, M.Zora, M.Odabasoglu, C.C.Ersanli, O.Buyukgungor, Acta Crystallogr., C61, o321, 2005
FUCVAA	1.42	B.Chevrier, D.Moras, J.P.Behr, J.M.Lehn, Acta Crystallogr., C43, 2134, 1987
GEHVUL	1.449	R.Banerjee, B.K.Saha, G.R.Desiraju, Acta Crystallogr., C62, o346, 2006
GEHVUL	1.439	R.Banerjee, B.K.Saha, G.R.Desiraju, Acta Crystallogr., C62, o346, 2006
GEHVUL	1.451	R.Banerjee, B.K.Saha, G.R.Desiraju, Acta Crystallogr., C62, o346, 2006
HDRZHO	1.444	N.A.K.Ahmed, R.Liminga, I.Olovsson, Acta Chem.Scand., 22, 88, 1968
HDRZHO02	1.438	J.O.Thomas, Acta Crystallogr., B29, 1767, 1973
HDRZHO11	1.432	J.O.Thomas, R.Liminga, Acta Crystallogr., B34, 3686, 1978
HYAMAZ	1.432	J.H.Bryden, Acta Crystallogr., 11, 31, 1958
HYAMAZ01	1.455	N.Fischer, T.M.Klapotke, S.Scheutzwow, J.Stierstorfer, Central European Journal of Energetic Materials, 5, 3, 2008
HYDRZN10	1.439	B.Dickens, J.Res.Nat.Bur.Stand., A, 74, 309, 1970
HYDRZN10	1.424	B.Dickens, J.Res.Nat.Bur.Stand., A, 74, 309, 1970

HYDRZN11	1.446	M.Gobel, T.M.Klapotke, Z.Anorg.Allg.Chem., 633, 1006, 2007
HYZMAC	1.463	S.A.Hady, I.Nahringbauer, I.Olovsson, Acta Chem.Scand., 23, 2764, 1969
JAVWUZ	1.449	O.Kuhl, S.Goutal, Cryst.Growth Des., 5, 1875, 2005
JOWWOH	1.449	E.Garcia, Kien-Yin Lee, C.B.Storm, Acta Crystallogr., C48, 1682, 1992
KAVFES	1.396	J.Feneau-Dupont, J.P.Declercq, E.Vanderstede, G.L'abbe, Bull.Soc.Chim.Belg., 98, 415, 1989
NANNAS	1.447	B.R.Bhogala, P.Vishweshwar, A.Nangia, Cryst.Growth Des., 5, 1271, 2005
NOGLUR	1.445	T.M.Klapotke, M.Stein, J.Stierstorfer, Z.Anorg.Allg.Chem., 634, 1711, 2008
NOGLUR	1.438	T.M.Klapotke, M.Stein, J.Stierstorfer, Z.Anorg.Allg.Chem., 634, 1711, 2008
POSQUK	1.444	Young-Hyuk Joo, J.M.Shreeve, Chem.-Eur.J., 15, 3198, 2009
POSQUK	1.443	Young-Hyuk Joo, J.M.Shreeve, Chem.-Eur.J., 15, 3198, 2009
POSRAR	1.442	Young-Hyuk Joo, J.M.Shreeve, Chem.-Eur.J., 15, 3198, 2009
POSRAR	1.445	Young-Hyuk Joo, J.M.Shreeve, Chem.-Eur.J., 15, 3198, 2009
QOQGOT	1.449	Yangen Huang, Haixiang Gao, B.Twamley, J.M.Shreeve, Chem.-Eur.J., 15, 917, 2009
QOQGOT	1.443	Yangen Huang, Haixiang Gao, B.Twamley, J.M.Shreeve, Chem.-Eur.J., 15, 917, 2009
TEGXUY	1.442	H.-R.Bircher, P.Ochsenbein, J.Hauser, H.-B.Burgi, Acta Crystallogr., C52, 2002, 1996
TEYNBH	1.431	A.I.Gusev, D.Yu.Nesterov, A.F.Zhigach, R.A.Svitzin, E.S.Sobolev, Zh.Strukt.Khim.(Russ.)(J.Struct.Chem.), 19, 180, 1978
TZHDRZ	1.443	E.A.Goiko, N.V.Grigor'eva, N.V.Margolis, A.A.Mel'nikov, T.K.Strochkina, I.V.Tselinskii, Zh.Strukt.Khim.(Russ.)(J.Struct.Chem.), 21, 177-5, 1980
TZHDRZ	1.438	E.A.Goiko, N.V.Grigor'eva, N.V.Margolis, A.A.Mel'nikov, T.K.Strochkina, I.V.Tselinskii, Zh.Strukt.Khim.(Russ.)(J.Struct.Chem.), 21, 177-5, 1980
ZZZBNJ02	1.422	Hoong-Kun Fun, K.Sivakumar, Yao-Zhong Jiang, Jian Sun, Zhong-Yuan Zhou, Acta Crystallogr., C51, 2085, 1995
VUWLEF	1.433	H.Thakuria, B.M.Borah, A.Pramanik, G.Das, J.Chem.Cryst., 37, 807, 2007
XAJHIB	1.435	Young-Hyuk Joo, J.M.Shreeve, Angew.Chem.Int.Ed., 49, 7320, 2010
UVOBAJ	1.444	Haixiang Gao, Young-Hyuk Joo, D.A.Parrish, T.Vo, J.M.Shreeve, Chem.-Eur.J., 17, 4613, 2011