Appendix A

Perovskites with crystal structures refined in space group $Fm\bar{3}m$ (#23, $a^0a^0a^0$)

Formula	Reference
Ba_2BiScO_6	(Woodward, 1997a)
Ba_2BiYO_6	(Lenz and Müller-Buschbaum, 1990)
Ba_2CaIrO_6	(Jung *et al.*, 1993)
Ba_2CePtO_6	(Ouchetto *et al.*, 1991)
Ba_2CoMoO_6	(Martinez-Lope *et al.*, 2002)
Ba_2CoWO_6	(Martinez-Lope *et al.*, 2002)
Ba_2DyBiO_6	(Lenz and Müller-Buschbaum, 1990)
Ba_2DySbO_6	(Karunadasa *et al.*, 2003)
Ba_2FeMoO_6	(Nguyen *et al.*, 2002)
Ba_2FeNbO_6	(Tezuka *et al.*, 2000)
Ba_2FeUO_6	(Dianoux and Poix, 1968)
Ba_2FeWO_6	(Rammeh *et al.*, 2004)
Ba_2HoIrO_6	(Hinatsu *et al.*, 2004)
Ba_2HoRuO_6	(Hinatsu *et al.*, 2004)
Ba_2HoSbO_6	(Alonso *et al.*, 1997)
Ba_2InTaO_6	(Woodward, 1997a)
Ba_2IrYO_6	(Fu and Ijdo, 2005b)
Ba_2LiOsO_6	(Stitzer *et al.*, 2002)
Ba_2LuRuO_6	(Battle and Jones, 1989)
Ba_2MgWO_6	(Patwe *et al.*, 2005)
Ba_2MnUO_6	(Grenet *et al.*, 1972)
Ba_2MnWO_6	(Azad *et al.*, 2001b)
Ba_2MoNiO_6	(Martinez-Lope *et al.*, 2003)
Ba_2NaOsO_6	(Stitzer *et al.*, 2002)
Ba_2NaReO_6	(Picard *et al.*, 1981)
Ba_2NbYO_6	(Barnes *et al.*, 2006)
Ba_2NdMoO_6	(Brandle and Steinfink, 1971)
Ba_2PrPtO_6	(Amador *et al.*, 1992)
Ba_2RuTmO_6	(Doi *et al.*, 2003)
Ba_2RuYO_6	(Battle and Jones, 1989)
Ba_2RuYbO_6	(Doi *et al.*, 2003)
Ba_2SbSmO_6	(Fu and Ijdo, 2005c)
Ba_2SbTlO_6	(Fu and Ijdo, 1997)
Ba_2SbYO_6	(Alonso *et al.*, 1997)
Ba_2ScTaO_6	(Woodward, 1997a)

Ba_2TaYbO_6	(Taira and Hinatsu, 2000)
Sr_2AlNbO_6	(Woodward, 1997a)
Sr_2AlTaO_6	(Woodward, 1997a)
Sr_2BiScO_6	(Kazin *et al.*, 2001)
Sr_2CrMoO_6	(Arulraj *et al.*, 2000)
Sr_2CrNbO_6	(Choy *et al.*, 1996)
$(BaLa)MnMoO_6$	(Li and Greenblatt, 2002)
$(BaLa)MnTaO_6$	(Horikubi *et al.*, 1998)
$(BaLa)LiTeO_6$	(Lopez *et al.*, 1993a)
$(BaPr)(LiTe)O_6$	(Lopez *et al.*, 1993b)
$(Ba_{0.2}La_{1.8})(Mg_{1.266}Nb_{0.734})O_6$	(Park *et al.*, 2003)
$(Ba_{0.6}La_{1.4})(Mg_{1.133}Nb_{0.866})O_6$	(Park *et al.*, 2001)
$(BaLa)(MgNb)O_6$	(Park *et al.*, 2001)
$(Ba_{1.4}La_{0.6})(Mg_{0.866}Nb_{1.133})O_6$	(Park *et al.*, 2001)
$Ba_2(Dy_{4/3}Mo_{2/3})O_6$	(Fuentes *et al.*, 2003a)
$Ba_2(Dy_{4/3}W_{2/3})O_6$	(Fuentes *et al.*, 2003a)
$Ba_2(Fe_{4/3}U_{2/3})O_6$	(Ropars *et al.*, 1966)
$Ba_2(Gd_{4/3}W_{2/3})O_6$	(Fuentes *et al.*, 2003a)
$Ba_2(In_{4/3}W_{2/3})O_6$	(Fuentes *et al.*, 2003b)
$Ba_2(Y_{4/3}Mo_{2/3})O_6$	(Fuentes *et al.*, 2003b)
$Ba_2(Y_{4/3}W_{2/3})O_6$	(Fuentes *et al.*, 2003b)
$Ba_2(Mg_{0.6}Ta_{1.2}Zr_{0.2})O_6$	(Chai *et al.*, 1997)
$Ba_2(Mg_{0.56}Ta_{1.14}Zr_{0.30})O_6$	(Chai *et al.*, 1997)
$Ba_2(Mg_{0.53}Ta_{1.07}Zr_{0.4})O_6$	(Chai *et al.*, 1997)
$Ba_2(Zr_{0.5}(Zn_{2/3}Ta_{4/3})_{1.5})O_6$	(Chai and Davies, 1997)
$Ba_2(Zr_{0.3}(Zn_{2/3}Ta_{4/3})_{1.7}O_6$	(Chai and Davies, 1997)
$Ba_2(Ru_{0.9}YCu_{0.1})O_6$	(Parkinson *et al.*, 2003)
$Ba_2(Ca_{0.785}Nb_{1.215})O_6$	(Sosnowska *et al.*, 2001)
$Ba_2(Cu_{0.4}Mo_{0.8}Y_{0.8})O_6$	(Gu *et al.*, 2000)
$Ba_2Y(Cu_{0.25}W_{0.75})O_6$	(Bokhimi *et al.*, 1996)
$Ba_2(Cu_{1/2}Y_{1/2}W)O_6$	(Bryntse, 1990)
$La_2(Mg_{4/3}Nb_{2/3})O_6$	(Park *et al.*, 2003)
$(La_{0.97}Sr_{1.03})MnCoO_6$	(Androulakis *et al.*, 2003)
Pb_2MgTeO_6	(Baldinozzi *et al.*, 1998)
$Pb_2Mg(W_{0.4}Te_{0.6})O_6$	(Rivezzi and Sciau, 1998)
$Sr_2(Fe_{1.3}Mo_{0.7})O_6$	(Liu *et al.*, 2003)
$Sr_2(Cr_{1.2}Mo_{0.8})O_6$	(Zeng *et al.*, 2001)
$(LaSr)FeVO_6$	(Ramesha *et al.*, 2001)
$(LaSr)(Ni_{0.7}Cu_{0.3}Ta)O_6$	(Kato *et al.*, 1999)
$(LaSr)(Ni_{0.9}Cu_{0.1}Ta)O_6$	(Kato *et al.*, 1999)
$(LaSr)(NiTa)O_6$	(Kato *et al.*, 1999)
$(CaLa)FeVO_6$	(Ramesha *et al.*, 2001)
$Sr_2Fe_{0.97}Mo_{0.99}O_{5.96}$	(Ritter *et al.*, 2000)
Ca_2SiTiO_6	(Leinenweber and Parise, 1997)
$Ba_{2-x}MgW_{1-y}O_{6-d}$	(Khalyavin *et al.*, 2003)
$Ba_{2-x}Ni_{1-y}W_{1-z}O_{6-d}$	(Khalyavin *et al.*, 2003)
$Ba_{2-x}Zn_{1-y}W_{1-z}O_{6-d}$	(Khalyavin *et al.*, 2003)

Perovskites with crystal structures refined in space group *I4/m* (#22, $a^0a^0c^-$)

Formula	Reference
Ba_2CuTeO_6	(Iwanaga *et al.*, 1999)
Ba_2CuWO_6	(Iwanaga *et al.*, 1999)
Sr_2CoMoO_6	(Viola *et al.*, 2002)
Sr_2CoWO_6	(Viola *et al.*, 2003)
Sr_2CrTaO_6	(Barnes *et al.*, 2006)
Sr_2CuTeO_6	(Iwanaga *et al.*, 1999)
Sr_2CuWO_6	(Iwanaga *et al.*, 1999)
Sr_2FeMoO_6	(Chmaissem *et al.*, 2000)
Sr_2FeWO_6	(Fu and Li, 1995)
Sr_2FeNbO_6	(Tao *et al.*, 2004)
Sr_2GaTaO_6	(Barnes *et al.*, 2006)
Sr_2MgReO_6	(Wiebe *et al.*, 2003)
Sr_2MgWO_6	(Gateshki and Igartua, 2004)
Sr_2MoNiO_6	(Martinez-Lope *et al.*, 2003)
Sr_2NiWO_6	(Iwanaga et al., 2000)
Sr_2TaVO_6	(Woodward, 1997a)
$Sr_2(Fe_{4/3}W_{2/3})O_6$	(Ivanov et al., 2001)
$Sr_2(Fe_{4/3}Mo_{2/3})O_6$	(Viola *et al.*, 2005)
Sr_2ZnWO_6 (373 K)	(Gateshki *et al.*, 2003)
$Sr_2(Zn_{0.5}Cu_{0.5}W)O_6$	(Reinen and Weitzel, 1976)
$(BaLa)MgRuO_6$	(Hong *et al.*, 2000)
$(BaLa)RuCuO_6$	(Rozier et al., 2000)
$(BaLa)ZnRuO_6$	(Hong *et al.*, 2000)
$(Ba_{1.4}La_{0.6})Mg_{0.86}Nb_{1.14}O_6$	(Park *et al.*, 2001)
$(BaLa)MgNbO_6$	(Park *et al.*, 2001)
$(Ba_{0.6}La_{1.4})Mg_{1.14}Nb_{0.86}O_6$	(Park *et al.*, 2001)
$(Ba_{0.7}Pr_{1.3})Mn_2O_6$	(Jirak et al., 1990)
Rb_2NaHoF_6 (<173 K)	(Ihringer, 1982)

Perovskites with crystal structures refined in space group *P4/mnc* (#21, $a^0a^0c^+$)

Formula	Reference
$Ba_2PrRu_{1-x}Ir_xO_6$ (x > 0.4)	(Li and Kennedy, 2004)

Perovskites with crystal structures refined in space group *I2/m* (#20, $a^0b^-b^-$)

Formula	Reference
Ba_2BiBiO_6	(Thornton and Jacobson, 1978)
Ba_2BiTaO_6 (17 K)	(Wallwork *et al.*, 2005)
Ba_2NdBiO_6	(Harrison *et al.*, 1995)
Ba_2PrBiO_6	(Harrison *et al.*, 1995)

Ba_2SbBiO_6	(Thornton and Jacobson, 1978)
Ba_2TbBiO_6	(Harrison *et al.*, 1995)
$BaLaCoRuO_6$	(Kim and Battle, 1995)
$Ba_2Ru_{0.67}Bi_{1.33}O_6$	(Darriet et al., 1993)
Pb_2CoWO_6 [1]	(Bonin et al., 1995)
$Ba_{0.9}K_{0.1}BiO_3$	(Pei et al., 1990)
Sr_2CrSbO_6	(Barnes, 2003)
Sr_2TeCoO_6	(Ortega-San Martin *et al.*, 2005)
Sr_2TeNiO_6	(Martin *et al.*, 2005)
$Rb_2Au_2Br_6$	(Straehle *et al.*, 1979a)

Perovskites with crystal structures refined in space group *R-3* (#14, $a^-a^-a^-$)

Formula	**Reference**
Ba_2BiBiO_6 (419 K)	(Thornton and Jacobson, 1978)
Ba_2BiSbO_6	(Fu, 2000)
Ba_2BiYbO_6	(Harrison *et al.*, 1995)
Ba_2BiTaO_6	(Zhou and Kennedy, 2005)
Ba_2IrLaO_6	(Fu and Ijdo, 2005b)
Ba_2LaSbO_6	(Fu and Ijdo, 2005c)
Ba_2NdSbO_6	(Fu and Ijdo, 2005c)
Ba_2PrSbO_6	(Fu and Ijdo, 2005c)
La_2CoMnO_6 (673 K)	(Bull et al., 2003)
La_2MnNiO_6 (623 K)	(Bull et al., 2003)
$Ba_2(Ba_{0.18}Bi_{0.82})BiO_6$	(Reis *et al.*, 1993)
$Ba_2(Ba_{0.28}Bi_{0.72})BiO_6$	(Reis *et al.*, 1993)
Pb_2MgTeO_6	(Baldinozzi et al., 1998)
$Pb_2Mg(W_{0.4}Te_{0.6})O_6$	(Rivezzi and Sciau, 1998)
$(SrLa)CuRuO_6$	(Gateshki and Igartua, 2003)

Perovskites with crystal structures refined in space group $P2_1/n$ (#10, $a^-a^-b^+$).

Formula	**Reference**
Ba_2IrLaO_6	(Wakeshima *et al.*, 1999)
Ba_2IrLuO_6	(Wakeshima *et al.*, 1999)
Ba_2IrScO_6	(Wakeshima *et al.*, 1999)
Ba_2IrYO_6	(Wakeshima *et al.*, 1999)
Ba_2LaRuO_6	(Battle, 1981)
Ba_2LaTaO_6	(Doi and Hinatsu, 2001)

[1] Pb_2CoWO_6 - average of incommensurate structure.

Ba_2LuIrO_6	(Wakeshima *et al.*, 1999)
Ba_2NbPrO_6	(Henmi *et al.*, 1999)
Ba_2NdRuO_6	(Izumiyama *et al.*, 2000)
Ba_2PrRuO_6	(Izumiyama *et al.*, 2001)
Ba_2ReYO_6	(Sasaki *et al.*, 2002)
Ba_2SrUO_6	(Groen and Ijdo, 1987)
Ca_2AlNbO_6	(Levin *et al.*, 2001)
Ca_2AlTaO_6	(Barnes *et al.*, 2006)
Ca_2CaReO_6	(Abakumov *et al.*, 1997)
Ca_2CaTeO_6	(Burckhardt *et al.*, 1982)
Ca_2CaUO_6	(van Duivenboden and Ijdo, 1986)
Ca_2CoTeO_6	(Augsburger *et al.*, 2005)
Ca_2CrNbO_6	(Choy *et al.*, 1996)
Ca_2CrTaO_6	(Barnes *et al.*, 2006)
Ca_2ErNbO_6	(Trunov *et al.*, 1981)
Ca_2FeMoO_6	(Alonso *et al.*, 2000a)
Ca_2FeNbO_6	(Chakhmouradian and Mitchell, 1998)
Ca_2FeSbO_6	(Lee *et al.*, 1997)
Ca_2FeTaO_6	(Woodward, 1997a)
Ca_2GaTaO_6	(Barnes *et al.*, 2006)
Ca_2GdNbO_6	(Trunov *et al.*, 1981)
Ca_2GdTaO_6	(Trunov *et al.*, 1983)
Ca_2HoNbO_6	(Trunov *et al.*, 1981)
Ca_2HoRuO_6	(Battle *et al.*, 1991)
Ca_2HoTaO_6	(Trunov *et al.*, 1983)
Ca_2InNbO_6	(Ting *et al.*, 2004)
Ca_2LuNbO_6	(Trunov *et al.*, 1981)
Ca_2MgWO_6	(Yang *et al.*, 2003)
Ca_2MnWO_6	(Azad *et al.*, 2001a)
Ca_2ScTaO_6	(Woodward, 1997a)
Ca_2RuYO_6	(Battle and Macklin, 1984a)
Cd_2CdTeO_6	(Burckhardt *et al.*, 1982)
Eu_2LiIrO_6	(Mugavero *et al.*, 2005b)
La_2CoIrO_6	(Currie *et al.*, 1995)
La_2CoMnO_6	(Bull *et al.*, 2003)
La_2CoPtO_6	(Ouchetto *et al.*, 1997)
La_2CoTiO_6	(Rodriguez *et al.*, 2002)
La_2HfMgO_6	(Woodward, 1997a)
La_2IrNaO_6	(Davis *et al.*, 2004)
La_2IrNiO_6	(Currie *et al.*, 1995)

La_2IrZnO_6	(Currie *et al.*, 1995)
La_2IrLiO_6	(Mugavero *et al.*, 2005b)
La_2LiMoO_6	(Tortelier and Gougeon, 1996)
La_2LiRuO_6	(Battle *et al.*, 2003)
La_2LiSbO_6	(Lopez *et al.*, 1992)
La_2IrMgO_6	(Currie *et al.*, 1995)
La_2MgPtO_6	(Ouchetto *et al.*, 1997)
La_2MgRhO_6	(Schinzer and Demazeau, 1999)
La_2MgTiO_6	(Avdeev *et al.*, 2002)
La_2MnNiO_6	(Bull *et al.*, 2003)
La_2NaOsO_6	(Gemmill *et al.*, 2005)
La_2NaRuO_6	(Gemmill *et al.*, 2003)
La_2NiPtO_6	(Ouchetto *et al.*, 1997)
La_2NiRuO_6	(Seinen *et al.*, 1987)
La_2NiTiO_6	(Rodriguez *et al.*, 2002)
La_2PtZnO_6	(Ouchetto *et al.*, 1997)
La_2RhZnO_6	(Schinzer and Demazeau, 1999)
Na_2SnTeO_6	(Park *et al.*, 1999)
Na_2TeZrO_6	(Woodward, 1997a)
Nd_2IrLiO_6	(Mugavero *et al.*, 2005b)
Nd_2IrNaO_6	(Davis *et al.*, 2004)
Nd_2MgTiO_6	(Groen et al., 1986)
Nd_2NaOsO_6	(Gemmill *et al.*, 2005)
Nd_2NaRuO_6	(Gemmill *et al.*, 2003)
Nd_2PtCoO_6	(Ouchetto *et al.*, 1997)
Pb_2MnReO_6	(Ramesha *et al.*, 2003)
Pr_2IrNaO_6	(Davis *et al.*, 2004)
Pr_2IrLiO_6	(Mugavero *et al.*, 2005b)
Pr_2NaOsO_6	(Gemmill *et al.*, 2005)
Pr_2NaRuO_6	(Gemmill *et al.*, 2003)
Pr_2PtCoO_6	(Ouchetto *et al.*, 1997)
Sm_2IrLiO_6	(Mugavero *et al.*, 2005b)
Sm_2IrNaO_6	(Mugavero *et al.*, 2005a)
Sm_2MnTiO_6	(Kamegashira *et al.*, 2000)
Sr_2BiBiO_6	(Kazakov *et al.*, 1997)
Sr_2BiNdO_6	(Wolcyrz and Kepinski, 1999)
Sr_2BiLuO_6	(Wolcyrz and Kepinski, 1999)
Sr_2CaIrO_6	(Jung and Demazeau, 1995)
Sr_2CaMoO_6	(Prior *et al.*, 2005)
Sr_2CaReO_6	(Wiebe *et al.*, 2002)

Sr_2CaTeO_6	(Prior *et al.*, 2005)
Sr_2CaUO_6	(Groen and Ijdo, 1987)
Sr_2CeIrO_6	(Harada *et al.*, 2000)
Sr_2CoTeO_6	(Ortega-San Martin *et al.*, 2005)
Sr_2CoUO_6	(Pinacca *et al.*, 2005)
Sr_2CoWO_6	(Viola *et al.*, 2003)
Sr_2DySbO_6	(Karunadasa *et al.*, 2003)
Sr_2ErRuO_6	(Battle *et al.*, 1991)
Sr_2FeSbO_6	(Cussen *et al.*, 1997)
Sr_2FeWO_6	(Azad *et al.*, 2002)
Sr_2HoRuO_6	(Doi *et al.*, 2001)
Sr_2HoSbO_6	(Karunadasa *et al.*, 2003)
Sr_2InNbO_6	(Ting *et al.*, 2004)
Sr_2InSbO_6	(Fu and Ijdo, 2005d)
Sr_2IrScO_6	(Wakeshima *et al.*, 1999)
Sr_2IrTbO_6	(Harada *et al.*, 2000)
Sr_2IrYO_6	(Wakeshima *et al.*, 1999)
Sr_2IrLuO_6	(Wakeshima *et al.*, 1999)
Sr_2LuRuO_6	(Battle and Jones, 1989)
Sr_2MnMoO_6	(Munoz *et al.*, 2002)
Sr_2MnWO_6	(Munoz *et al.*, 2002)
Sr_2NbSmO_6	(Sirotinkin *et al.*, 1985)
Sr_2NbYbO_6	(Yang *et al.*, 1999)
Sr_2NbYO_6	(Howard *et al.*, 2005)
Sr_2RuTbO_6	(Doi *et al.*, 2001)
Sr_2RuTmO_6	(Doi *et al.*, 2003)
Sr_2RuYbO_6	(Doi *et al.*, 2003)
Sr_2RuYO_6	(Battle and Macklin, 1984b)
Sr_2SbScO_6	(Barnes, 2003)
Sr_2SbYO_6	(Fu and Ijdo, 2005d)
Sr_2TaTmO_6	(Kanaiwa *et al.*, 2002)
Sr_2TaYO_6	(Howard *et al.*, 2005)
$(Ba_{0.2}La_{1.8})(Mg_{1.266}Nb_{0.734})O_6$	(Park *et al.*, 2003)
$(BaNd)NiSbO_6$	(Alvarez *et al.*, 1993)
$(CaPr)LiTeO_6$	(Lopez *et al.*, 1993b)
$(CaLa)CaRuO_6$	(Battle *et al.*, 1983)
$(CaLa)CaTaO_6$	(Trunov *et al.*, 1983)
$(CaLa)CoNbO_6$	(Bos and Attfield, 2004)
$(CaNd)CaNbO_6$	(Trunov *et al.*, 1981)
$(CaNd)CaRuO_6$	(Battle *et al.*, 1991)

$(CaNd)CaTaO_6$	(Trunov *et al.*, 1983)
$(La_{1.5}Nd_{0.5})LiSbO_6$	(Lopez *et al.*, 1991)
$(La_{1.8}Ba_{0.2})(Mg_{0.9}Ti_{1.10})O_6$	(Avdeev *et al.*, 2002)
$(La_{1.8}Ca_{0.2})(Mg_{0.9}Ti_{1.1})O_6$	(Seabra *et al.*, 2003)
$(La_{1.8}Sr_{0.2})(Mg_{0.9}Ti_{1.1})O_6$	(Avdeev *et al.*, 2002)
$(LaSr)CoNbO_6$	(Bos and Attfield, 2004)
$(LaSr)CoRuO_6$	(Kim and Battle, 1995)
$(LaSr)CuRuO_6$	(Gateshki and Igartua, 2003)
$(LaSr)CuSbO_6$	(Attfield *et al.*, 1992b)
$(LaSr)MoMnO_6$	(Horikubi and Kamegashira, 1999)
$(LaSr)MoTaO_6$	(Horikubi *et al.*, 1998)
$(LaSr)NiRuO_6$	(Gateshki and Igartua, 2003)
$(LaSr)NiSbO_6$	(Attfield *et al.*, 1992a)
$(PrSr)Co_2O_6$	(Brinks *et al.*, 1999)
$(PrSr)LiTeO_6$	(Lopez *et al.*, 1993b)
$(SrEu)LiTeO_6$	(Lopez *et al.*, 1993a)
$Ca_2(Ca_{2/3}Nb_{1/3})NbO_6$	(Levin *et al.*, 2000)
$Ca_2Fe_{0.94}Mo_{1.06}O_6$	(Ritter *et al.*, 2000)
$Ca_2Fe_2O_6$	(Woodward *et al.*, 2000)
$Er_2Ni_2O_6$	(Alonso *et al.*, 2000b)
$Ho_2Ni_2O_6$	(Alonso *et al.*, 2000b)
$La_{1.86}(Mg_{1.496}Nb_{0.704})O_6$	(Choi *et al.*, 2000)
$La_2(Li_{2/3}Ti_{4/3})O_6$	(Kirk and West, 2002)
$La_2(Mg_{0.875}Zn_{0.125})IrO_6$	(Battle and Gore, 1996)
$La_2(Mg_{1.196}Nb_{0.804})O_6$	(Shin *et al.*, 1999)
$La_2(Mg_{1.2}Nb_{0.8})O_6$	(Paik *et al.*, 2003)
$La_2(Mg_{4/3}Nb_{2/3})O_6$	(Park *et al.*, 2003)
$La_2(Mg_{4/3}Nb2/3)O_6$	(Choi *et al.*, 2000)
$Sr_2(Pr_{0.974}Bi_{0.026})(Bi_{0.508}Pr_{0.492})O_{5.928}$	(Wolcyrz *et al.*, 1997)
$Sr_2(Sr_{2/3}U_{1/3})UO_6$	(Cordfunke and Ijdo, 1994)
$Sr_2Bi_{0.534}Pr_{1.466}O_{5.928}$	(Wolcyrz *et al.*, 1997)
$Sr_2Bi_{1.4}Ca_{0.6}O_6$	(Wong-Ng *et al.*, 2000)
$Sr_2Sb_{1.4}Ca_{0.6}O_6$	(Luhrs *et al.*, 2000)
$Sr_2Sr_{1/2}Bi_{3/2}O_6$	(Bougerol-Chaillout *et al.*, 2000)
Sr_2SrUO_6	(Ijdo, 1993)
$Sr_2Y(Ru_{0.85}Cu_{0.15})O_6$	(Parkinson *et al.*, 2003)
$Tl_2Ni_2O_6$	(Kim *et al.*, 2002)
$Tm_2Ni_2O_6$	(Alonso *et al.*, 2000b)
$Y_2Ni_2O_6$	(Alonso *et al.*, 1999)
$Yb_2Ni_2O_6$	(Alonso *et al.*, 2000b)

Na_2LiAlF_6	(Ross *et al.*, 2003)
Rb_2KScF_6	(Faget *et al.*, 1996)
Rb_2KYF_6	(Gravereau *et al.*, 1994)
K_2AuAuI_6	(Straehle *et al.*, 1979b)

Perovskites with crystal structures refined in space group $Pn\bar{3}$ (#3, $a^+a^+a^+$).

Formula	**Reference**
$CaCu_3Cr_2Sb_2O_{12}$	(Byeon *et al.*, 2005)
$CaCu_3Ga_2Sb_2O_{12}$	(Byeon *et al.*, 2003)
$CaCu_3Ga_2Ta_2O_{12}$	(Byeon *et al.*, 2003)

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