>>**Entry Name: Lead(*II*) selenite**
Synonym(s): Selenious acid lead salt

CAS Registry Number: 7488-51-9
Related CAS Registry Numbers(s): 16477-99-9
$PbSeO_3$

Molecular Formula: O_3PbSe
Molecular Weight: 334.158
Accurate Mass: 335.877892
Percentage Composition: O 14.36%; Pb 62.01%; Se 23.63%
Source/Synthesis: Prepd. from $Pb^{2(+)}$ + $SeO_3^{2(-)}$
Physical Description: White cryst. powder
Solubility: Insol. H_2O, EtOH

Aldrich: 43585-6

>>**Variant:** Mineral-form
Synonym(s): Molybdomenite

CAS Registry Number: 16477-99-9
Molecular Formula: O_3PbSe
Molecular Weight: 334.158
Accurate Mass: 335.877892
Percentage Composition: O 14.36%; Pb 62.01%; Se 23.63%
Source/Synthesis: Occurs associated with chalcomenite in Argentina and Germany
Physical Description: Colourless to yellowish white cryst.

References:

Markovski, L.Yu. *et al.*, *Russ. J. Inorg. Chem. (Engl. Transl.)*, 1960, **5**, 1283, *(synth, props)*
Selinanova, N.M. *et al.*, *CA*, 1964, **60**, 1181a, *(thermodyn)*
Goni, J. *et al.*, *Can. Mineral.*, 1965, **8**, 149, *(mineral)*
Fischer, R.*, Tschermaks Mineral. Petrogr. Mitt.*, 1972, **17**, 196; *CA*, **77**, 25855k, *(cryst struct, molybdomenite)*
Kostenlinna, M. *et al.*, *Cryst. Struct. Commun.*, 1977, **6**, 813, *(cryst struct)*

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