



>>Entry Name: Lead(II) tartrate

Synonym(s): 2,3-Dihydroxybutanedioic acid, lead(2+) salt (1:1), 9CI

CAS Registry Number: 815-84-9

Pb[OOCCHOHCHOHCOO]

Molecular Formula: C₄H₄O₆Pb

Molecular Weight: 355.272

Accurate Mass: 355.977417

Percentage Composition: C 13.52%; H 1.13%; O 27.02%; Pb 58.32%

Source/Synthesis: Synth. from Pb(NO₃)₂ + aq. alkaline sodium tartrate

Physical Description: White solid

Other Data: Dec. in discrete stages on heating at 240-385°, eventually to PbO

Fluka: 15367

Sigma: T2536

References:

Kubecova, K. *et al.*, *Coll. Czech. Chem. Comm.*, 1969, **34**, 1141, (*synth, ir, powder struct*)

Frei, V. *et al.*, *Coll. Czech. Chem. Comm.*, 1969, **34**, 1304, (*thermal anal*)

Bottari, E. *et al.*, *J. Inorg. Nucl. Chem.*, 1972, **34**, 921, (*soln studies*)

Smolik, M. *et al.*, *Zesz. Nauk. Politech. Slask., Chem.*, 1975, **70**, 43, (*dec*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, LEA000