



>>Entry Name: Lead tetraacetate

Synonym(s): Tetrakis(acetato)lead, 8Cl. Lead(IV) acetate

CAS Registry Number: 546-67-8

Extra CAS Registry Numbers(s): 15347-57-6

Pb(OAc)₄

Molecular Formula: C₈H₁₂O₈Pb

Molecular Weight: 443.378

Accurate Mass: 444.029847

Percentage Composition: C 21.67%; H 2.73%; O 28.87%; Pb 46.73%

Source/Synthesis: Synth. from PbO and HOAc

Use/Importance: Reagent for plumbylation of aromatic compds. and for org. oxidns. and relat. reactions

Physical Description: Colourless prisms; unstable in air

Melting Point: Mp 175-180°

Solubility: Sol. dry CHCl₃, CCl₄, C₆H₆. Sl. sol. AcOH. Dec. by H₂O, alcohols

Other Data: Dissolves in conc. halogen acids forming haloplumbic acids

Aldrich: 18519-1

Fluka: 15370

Sigma: L8132

Other: Gelest PBL6455

References:

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