



>>Entry Name: **Bis(1,1,1,5,5,5-hexafluoro-2,4-pentanedionato-*O,O'*)lead**, 9CI

Synonym(s): Bis(hexafluoroacetylacetonato)lead. Lead hexafluoroacetylacetonate. Pb(hfac)₂

CAS Registry Number: 19648-88-5

Molecular Formula: C₁₀H₂F₁₂O₄Pb

Molecular Weight: 621.304

Accurate Mass: 621.952773

Percentage Composition: C 19.33%; H 0.32%; F 36.69%; O 10.30%; Pb 33.35%

Physical Description: Pale yellow solid

Melting Point: Mp 135-140°

Solubility: Sol. MeOH, Me₂CO

Other: Gelest PBL6287

References:

Fenton, D.E. *et al.*, *J.C.S. Dalton*, 1974, 655-657, (*synth*)

Gromilov, S.A. *et al.*, *Zh. Strukt. Khim.*, 1994, **35**, 136-140; *CA*, **122**, 68694x, (*cryst struct*)