



>>Entry Name: Lead(II) trifluoroacetate

Synonym(s): Trifluoroacetic acid, lead(2+) salt, 9CI

CAS Registry Number: 4146-73-0

$\text{Pb}(\text{OOC}\text{CF}_3)_2$

Molecular Formula: $\text{C}_4\text{F}_6\text{O}_4\text{Pb}$

Molecular Weight: 433.232

Accurate Mass: 433.946705

Percentage Composition: C 11.09%; F 26.31%; O 14.77%; Pb 47.83%

Physical Description: Hygroscopic cryst. + 0.5H₂O

Melting Point: Mp 72-76°

Solubility: Sol. H₂O, THF, Me₂CO

Aldrich: 40483-7

Other: Gelest PBL6470

References:

Faniran, J.A. *et al.*, *Spectrochim. Acta A*, 1976, **32**, 1351, (*ir*)

Indrichan, K.M. *et al.*, *Zh. Neorg. Khim.*, 1984, **29**, 1450; *CA*, **101**, 100765a, (*ms*)