



>>Entry Name: Lead(II) citrate

Synonym(s): Bis[2-hydroxy-1,2,3-propanetricarboxylato(3-)]trilead(II)

CAS Registry Number: 512-26-5

$\text{Pb}_3[\text{OOCCH}_2\text{COH}(\text{COO})\text{CH}_2\text{COO}]_2$

Molecular Formula: $\text{C}_{12}\text{H}_{10}\text{O}_{14}\text{Pb}_3$

Molecular Weight: 999.803

Accurate Mass: 1001.936941

Percentage Composition: C 14.42%; H 1.01%; O 22.40%; Pb 62.17%

Fluka: 15326

Sigma: C6522

>>Derivative: Trihydrate

CAS Registry Number: 6107-83-1

Molecular Formula: $\text{C}_{12}\text{H}_{16}\text{O}_{17}\text{Pb}_3$

Molecular Weight: 1053.848

Accurate Mass: 1055.968636

Percentage Composition: C 13.68%; H 1.53%; O 25.81%; Pb 58.98%

Physical Description: White cryst. powder

Solubility: Sol. H_2O , EtOH

References:

Panova, V.E., *Zh. Neorg. Khim.*, 1957, **2**, 330, (synth)

Chernova, N.G. *et al.*, *Metody Poluch. Khim. Reakt. Prep.*, 1972, **24**, 80