



>>Entry Name: Zinc(II) lactate

Synonym(s): Bis(2-hydroxypropanoato- O^1, O^2)zinc, 9Cl. Zinc(II) 2-hydroxypropanoate

CAS Registry Number: 16039-53-5

Extra CAS Registry Numbers(s): 18975-98-9 62482-73-9 63179-81-7

$Zn[OOCCH(OH)CH_3]_2$

Molecular Formula: $C_6H_{10}O_6Zn$

Molecular Weight: 243.531

Accurate Mass: 241.976885

Percentage Composition: C 29.59%; H 4.14%; O 39.42%; Zn 26.85%

Source/Synthesis: Synth. from $ZnCO_3$ + lactic acid

Use/Importance: Many patents for medical, cosmetic uses as astringent

Solubility: More sol. cold H_2O than hot

Other Data: Stereochem. not detd.

References:

Cariati, F. *et al.*, *Inorg. Chim. Acta*, 1977, **21**, 133-140, (*synth, ir, reactions*)

Merck Index, 12th edn., 1996, 10271