



>>Entry Name: [Methylethylenebis(dithiocarbamato)]zinc

Synonym(s): [[[(1-Methyl-1,2-ethanediyl)bis[carbamodithioato]](2-)]zinc, 9Cl. [2-[[[(Dithiocarboxy)amino]-1-methylethyl]carbamodithioato(2-)-S,S']zinc. Propineb

CAS Registry Number: 12071-83-9

Extra CAS Registry Numbers(s): 9016-72-2 31530-30-0

$[\text{ZnS}_2\text{CNHCH}(\text{CH}_3)\text{CH}_2\text{NHCS}_2]_n$

Molecular Formula: $\text{C}_5\text{H}_8\text{N}_2\text{S}_4\text{Zn}$

Molecular Weight: 289.786

Accurate Mass: 287.886173

Percentage Composition: C 20.72%; H 2.78%; N 9.67%; S 44.26%; Zn 22.56%

Source/Synthesis: Synth. from 1,2-propanediamine + CS_2 + ZnCl_2

Use/Importance: Fungicide

Physical Description: White powder

Other Data: Mp >160° dec.

References:

Italian Pat., 1960, 611 046; *CA*, **57**, 4548h, (synth)

Pesticide Manual, 11th edn., 1997, 608