



>>Entry Name: Bis(dithiocarbamato)zinc

Synonym(s): Bis(carbamodithioato-*S,S'*)zinc. Zinc dithiocarbamate

CAS Registry Number: 18984-88-8

[H2NC(S)S]2Zn

Molecular Formula: C₂H₄N₂S₄Zn

Molecular Weight: 249.721

Accurate Mass: 247.854873

Percentage Composition: C 9.62%; H 1.61%; N 11.22%; S 51.36%; Zn 26.19%

Use/Importance: Antioxidant, fungicide

Physical Description: Solid

>>Derivative: *N*-Tetrabenzyl

Synonym(s): Bis[bis(phenylmethyl)carbamodithioato-*S,S'*]zinc, 9Cl. Bis(dibenzylldithiocarbamato)zinc. Zinc dibenzylldithiocarbamate

CAS Registry Number: 14726-36-4

Use/Importance: Vulcanisation accelerator for rubber

References:

Bernard, M.A. *et al.*, *Bull. Soc. Chim. Fr.*, 1969, 3064; 3066; 3069, (*synth, thermal anal, cryst struct*)

Pilipenko, A.T. *et al.*, *CA*, 1970, **73**, 135492, (*ir*)

Ger. Pat., 1992, 4 102 337; *CA*, **118**, 138672g, (*tetrabenzyl, synth*)