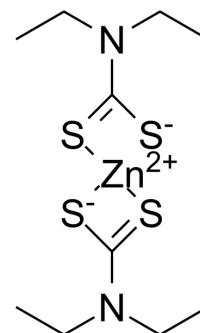


## Zinc diethyldithiocarbamate

Cat. No.:	HY-101505
CAS No.:	14324-55-1
Molecular Formula:	C <sub>10</sub> H <sub>20</sub> N <sub>2</sub> S <sub>4</sub> Zn
Molecular Weight:	361.92
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 12.5 mg/mL (34.54 mM; Need ultrasonic)					
	Preparing Stock Solutions	<div>Solvent Concentration</div>	Mass	1 mg	5 mg	10 mg
		1 mM		2.7630 mL	13.8152 mL	27.6304 mL
		5 mM		0.5526 mL	2.7630 mL	5.5261 mL
		10 mM		0.2763 mL	1.3815 mL	2.7630 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 1.25 mg/mL (3.45 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 1.25 mg/mL (3.45 mM); Clear solution					

### BIOLOGICAL ACTIVITY

Description	Zinc Diethyldithiocarbamate is a biochemical reagent that can be used as a biological material or organic compound for life science related research.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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