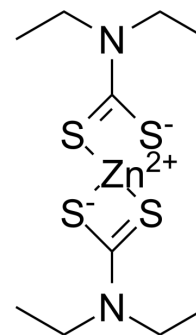


Zinc diethyldithiocarbamate

| | |
|--------------------|--|
| Cat. No.: | HY-101505 |
| CAS No.: | 14324-55-1 |
| Molecular Formula: | C ₁₀ H ₂₀ N ₂ S ₄ 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) | | | | | |
| | | Solvent Concentration | Mass | 1 mg | 5 mg | 10 mg |
| | Preparing Stock Solutions | 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. |
|-------------|---|

Caution: Product has not been fully validated for medical applications. For research use only.

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