Dithizone,for analysis

Cat. No.: HY-W110793

CAS No.: 60-10-6

Molecular Formula: $C_{13}H_{12}N_4S$

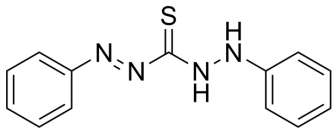
Molecular Weight: 256.33

Target: Biochemical Assay Reagents

Pathway: Others

Storage: 4°C, stored under nitrogen

* In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (195.06 mM; ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Mass / Solvent / Concentration	1 mg	5 mg	10 mg
	1 mM	3.9012 mL	19.5061 mL	39.0122 mL
	5 mM	0.7802 mL	3.9012 mL	7.8024 mL
	10 mM	0.3901 mL	1.9506 mL	3.9012 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
   Solubility: ≥ 2.5 mg/mL (9.75 mM); Clear solution
2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
   Solubility: ≥ 2.5 mg/mL (9.75 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Dithizone,for analysis (Diphenylthiocarbazone) is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

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