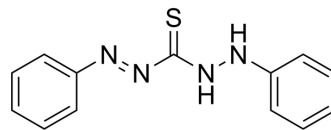


Dithizone,for analysis

Cat. No.:	HY-W110793
CAS No.:	60-10-6
Molecular Formula:	C ₁₃ H ₁₂ N ₄ S
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	Solvent Concentration	Mass	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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Caution: Product has not been fully validated for medical applications. For research use only.

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