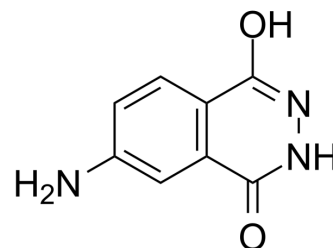


Isoluminol

Cat. No.:	HY-W016657
CAS No.:	3682-14-2
Molecular Formula:	C ₈ H ₇ N ₃ O ₂
Molecular Weight:	177.16
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 20 mg/mL (112.89 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	Preparing Stock Solutions		1 mg	5 mg	10 mg
		1 mM	5.6446 mL	28.2231 mL	56.4461 mL
		5 mM	1.1289 mL	5.6446 mL	11.2892 mL
	10 mM	0.5645 mL	2.8223 mL	5.6446 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: ≥ 1.25 mg/mL (7.06 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 1.25 mg/mL (7.06 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Isoluminol (4-Aminophthalhydrazide) 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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