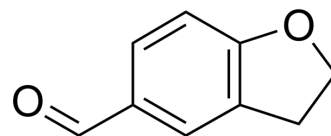


2,3-Dihydrobenzofuran-5-carboxaldehyde

Cat. No.:	HY-75251
CAS No.:	55745-70-5
Molecular Formula:	C ₉ H ₈ O ₂
Molecular Weight:	148.16
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 : 100 mg/mL (674.95 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	6.7495 mL	33.7473 mL	67.4946 mL
				5 mM	1.3499 mL	6.7495 mL	13.4989 mL
				10 mM	0.6749 mL	3.3747 mL	6.7495 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 (16.87 mM); Clear solution						
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (16.87 mM); Clear solution						
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (16.87 mM); Clear solution						

BIOLOGICAL ACTIVITY

Description	2,3-Dihydrobenzofuran-5-carboxaldehyde 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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