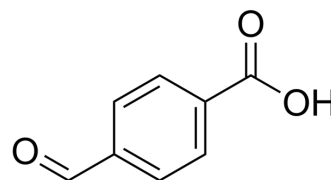


4-Formylbenzoic acid

Cat. No.:	HY-W017446
CAS No.:	619-66-9
Molecular Formula:	C ₈ H ₆ O ₃
Molecular Weight:	150.13
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 (666.09 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	
				5 mg	
				10 mg	
				10 mM	
			1 mg	5 mg	10 mg
	1 mM		6.6609 mL	33.3045 mL	66.6089 mL
	5 mM		1.3322 mL	6.6609 mL	13.3218 mL
	10 mM		0.6661 mL	3.3304 mL	6.6609 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 (16.65 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (16.65 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (16.65 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	4-Formylbenzoic acid 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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