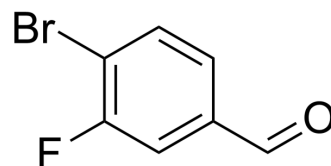


4-Bromo-3-fluorobenzaldehyde

Cat. No.:	HY-W007518
CAS No.:	133059-43-5
Molecular Formula:	C ₇ H ₄ BrFO
Molecular Weight:	203.01
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 : 150 mg/mL (738.88 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	Preparing Stock Solutions		1 mg	5 mg	10 mg
		1 mM	4.9259 mL	24.6293 mL	49.2587 mL
		5 mM	0.9852 mL	4.9259 mL	9.8517 mL
	10 mM	0.4926 mL	2.4629 mL	4.9259 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 (12.31 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (12.31 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (12.31 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	4-Bromo-3-fluorobenzaldehyde 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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