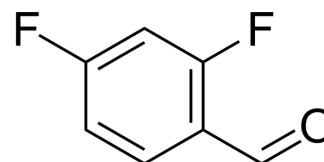


2,4-Difluorobenzaldehyde

Cat. No.:	HY-W007410
CAS No.:	1550-35-2
Molecular Formula:	C ₇ H ₄ F ₂ O
Molecular Weight:	142.1
Target:	Others
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 (703.73 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass			
			1 mg	5 mg	10 mg	
			1 mM	7.0373 mL	35.1865 mL	70.3730 mL
			5 mM	1.4075 mL	7.0373 mL	14.0746 mL
10 mM	0.7037 mL	3.5186 mL	7.0373 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 (17.59 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (17.59 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (17.59 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	2,4-Difluorobenzaldehyde is an organic chemical, that can be used in medicine, pesticide, liquid crystal materials intermediate.
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REFERENCES

[1]. 2,4-Difluorobenzaldehyde is an organic chemical, that can be used in medicine, pesticide, liquid crystal materials intermediate.

Caution: Product has not been fully validated for medical applications. For research use only.

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