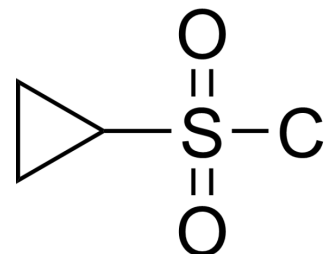


Cyclopropanesulfonyl chloride

Cat. No.:	HY-W002798
CAS No.:	139631-62-2
Molecular Formula:	C ₃ H ₅ ClO ₂ S
Molecular Weight:	140.59
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (711.29 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	Preparing Stock Solutions		1 mg	5 mg	10 mg
		1 mM	7.1129 mL	35.5644 mL	71.1288 mL
		5 mM	1.4226 mL	7.1129 mL	14.2258 mL
	10 mM	0.7113 mL	3.5564 mL	7.1129 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 (17.78 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (17.78 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (17.78 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Cyclopropanesulfonyl chloride 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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