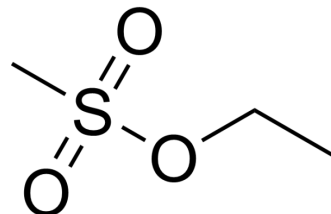


Ethyl methanesulfonate

Cat. No.:	HY-W015854
CAS No.:	62-50-0
Molecular Formula:	C ₃ H ₈ O ₃ S
Molecular Weight:	124.15
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	<div>Pure form</div> <div>-20°C 3 years</div> <div>4°C 2 years</div> <div>In solvent</div> <div>-80°C 6 months</div> <div>-20°C 1 month</div>



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (805.48 mM)
 * "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		8.0548 mL	40.2739 mL	80.5477 mL
	5 mM		1.6110 mL	8.0548 mL	16.1095 mL
	10 mM		0.8055 mL	4.0274 mL	8.0548 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
 Solubility: ≥ 2.5 mg/mL (20.14 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
 Solubility: ≥ 2.5 mg/mL (20.14 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
 Solubility: ≥ 2.5 mg/mL (20.14 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Ethyl methanesulfonate is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

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

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