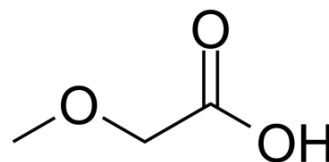


Methoxyacetic acid

Cat. No.:	HY-Y1009		
CAS No.:	625-45-6		
Molecular Formula:	C ₃ H ₆ O ₃		
Molecular Weight:	90.08		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (1110.12 mM; Need ultrasonic)
 H₂O : 100 mg/mL (1110.12 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	11.1012 mL	55.5062 mL	111.0124 mL
	5 mM	2.2202 mL	11.1012 mL	22.2025 mL
	10 mM	1.1101 mL	5.5506 mL	11.1012 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 (27.75 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
 Solubility: ≥ 2.5 mg/mL (27.75 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
 Solubility: ≥ 2.5 mg/mL (27.75 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Methoxyacetic acid is an endogenous metabolite.

IC₅₀ & Target

Human Endogenous Metabolite

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

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