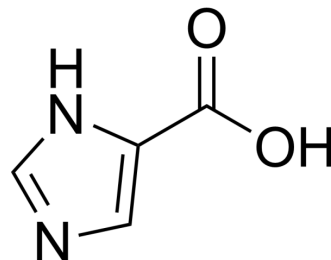


1H-Imidazole-4-carboxylic acid

Cat. No.:	HY-W007695		
CAS No.:	1072-84-0		
Molecular Formula:	C ₄ H ₄ N ₂ O ₂		
Molecular Weight:	112.09		
Target:	Biochemical Assay Reagents		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 10 mg/mL (89.21 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	8.9214 mL	44.6070 mL	89.2140 mL
	5 mM	1.7843 mL	8.9214 mL	17.8428 mL
	10 mM	0.8921 mL	4.4607 mL	8.9214 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: ≥ 1 mg/mL (8.92 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 1 mg/mL (8.92 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 1 mg/mL (8.92 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

1H-Imidazole-4-carboxylic acid 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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