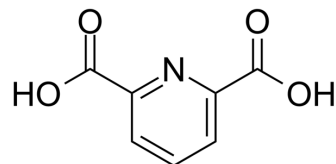


Pyridine-2,6-dicarboxylic acid

Cat. No.:	HY-Y1024		
CAS No.:	499-83-2		
Molecular Formula:	C ₇ H ₅ NO ₄		
Molecular Weight:	167.12		
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 : 100 mg/mL (598.37 mM; ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
	Concentration				
	1 mM		5.9837 mL	29.9186 mL	59.8372 mL
	5 mM		1.1967 mL	5.9837 mL	11.9674 mL
	10 mM		0.5984 mL	2.9919 mL	5.9837 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 (14.96 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (14.96 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (14.96 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Pyridine-2,6-dicarboxylic 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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