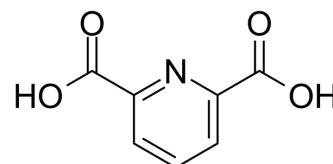


Pyridine-2,6-dicarboxylic acid

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:	<div> <div>Powder</div> <div>-20°C 3 years</div> <div>4°C 2 years</div> </div> <div> <div>In solvent</div> <div>-80°C 6 months</div> <div>-20°C 1 month</div> </div>



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (598.37 mM; ultrasonic and warming and heat to 60°C)					
	Preparing Stock Solutions	<div><div>Solvent</div><div>Concentration</div></div>	Mass	1 mg	5 mg	10 mg
		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	1. 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					
	2. 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					
	3. 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.
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Caution: Product has not been fully validated for medical applications. For research use only.

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