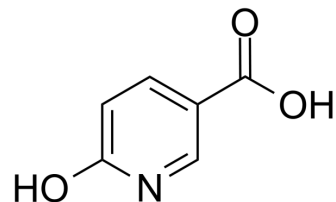


6-Hydroxynicotinic acid

Cat. No.:	HY-W001996		
CAS No.:	5006-66-6		
Molecular Formula:	C ₆ H ₅ NO ₃		
Molecular Weight:	139.11		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
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 : 50 mg/mL (359.43 mM; Need ultrasonic)
 H₂O : 2 mg/mL (14.38 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	7.1886 mL	35.9428 mL	71.8856 mL
	5 mM	1.4377 mL	7.1886 mL	14.3771 mL
	10 mM	0.7189 mL	3.5943 mL	7.1886 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 (17.97 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
 Solubility: ≥ 2.5 mg/mL (17.97 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
 Solubility: ≥ 2.5 mg/mL (17.97 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

6-Hydroxynicotinic acid is an endogenous metabolite.

IC₅₀ & Target

Human Endogenous Metabolite

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA