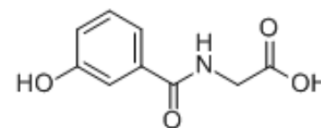


3-Hydroxyhippuric acid

Cat. No.:	HY-113085		
CAS No.:	1637-75-8		
Molecular Formula:	C ₉ H ₉ NO ₄		
Molecular Weight:	195.17		
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 : 83.33 mg/mL (426.96 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	5.1237 mL	25.6187 mL	51.2374 mL
	5 mM	1.0247 mL	5.1237 mL	10.2475 mL
	10 mM	0.5124 mL	2.5619 mL	5.1237 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: ≥ 2.08 mg/mL (10.66 mM); Clear solution
- Add each solvent one by one: **10% DMSO >> 90% (20% SBE-β-CD in saline)**
Solubility: ≥ 2.08 mg/mL (10.66 mM); Clear solution
- Add each solvent one by one: **10% DMSO >> 90% corn oil**
Solubility: ≥ 2.08 mg/mL (10.66 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

3-Hydroxyhippuric acid is an acyl glycine. Acyl glycines are normally minor metabolites of fatty acids.

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