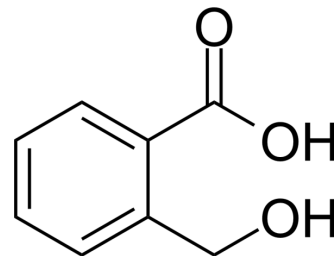


2-Hydroxymethyl benzoic acid

Cat. No.:	HY-W019358		
CAS No.:	612-20-4		
Molecular Formula:	C ₈ H ₈ O ₃		
Molecular Weight:	152		
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 : ≥ 100 mg/mL (657.89 mM)

* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1 mg	5 mg	10 mg
	1 mM		6.5789 mL	32.8947 mL	65.7895 mL
	5 mM		1.3158 mL	6.5789 mL	13.1579 mL
	10 mM		0.6579 mL	3.2895 mL	6.5789 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 (16.45 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (16.45 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (16.45 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

2-Hydroxymethyl benzoic acid is an endogenous metabolite.

IC₅₀ & Target

Human Endogenous Metabolite

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

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