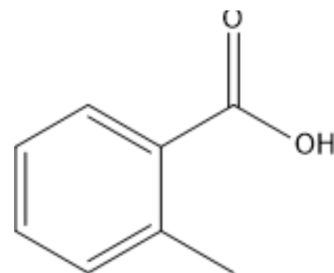


o-Toluic acid

Cat. No.:	HY-41494	
CAS No.:	118-90-1	
Molecular Formula:	C ₈ H ₈ O ₂	
Molecular Weight:	136.15	
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 (734.48 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	7.3448 mL	36.7242 mL	73.4484 mL
		5 mM	1.4690 mL	7.3448 mL	14.6897 mL
10 mM		0.7345 mL	3.6724 mL	7.3448 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (18.36 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (18.36 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (18.36 mM); Clear solution 				

BIOLOGICAL ACTIVITY

Description	o-Toluic acid (2-Methylbenzoic acid) is a benzoic acid substituted by a methyl group at position 2. O-Toluic acid plays a role as a xenobiotic metabolite.
IC₅₀ & Target	IC50: xenobiotic metabolite

CUSTOMER VALIDATION

-
- Laurea Magistrale in Biomedical Engineering, Politecnico di Milano. 2019 Jun.

See more customer validations on www.MedChemExpress.com

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