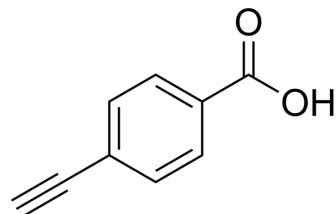


4-Ethynylbenzoic acid

Cat. No.:	HY-W007533		
CAS No.:	10602-00-3		
Molecular Formula:	C ₉ H ₆ O ₂		
Molecular Weight:	146.14		
Target:	Biochemical Assay Reagents		
Pathway:	Others		
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 (684.28 mM; Need ultrasonic)				
	Preparing Stock Solutions	<div><div>Solvent</div><div>Concentration</div></div> <div>Mass</div>	1 mg	5 mg	10 mg
		1 mM	6.8428 mL	34.2138 mL	68.4275 mL
		5 mM	1.3686 mL	6.8428 mL	13.6855 mL
		10 mM	0.6843 mL	3.4214 mL	6.8428 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 (17.11 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (17.11 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (17.11 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	4-Ethynylbenzoic acid is a biochemical reagent that can be used as a biological material or organic compound for life science related research. 4-Ethynylbenzoic acid is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.
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Caution: Product has not been fully validated for medical applications. For research use only.

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