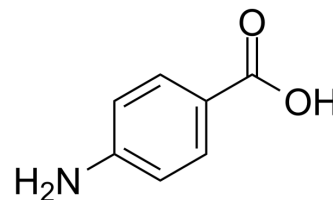


## 4-Aminobenzoic acid

<b>Cat. No.:</b>	HY-B1008		
<b>CAS No.:</b>	150-13-0		
<b>Molecular Formula:</b>	C <sub>7</sub> H <sub>7</sub> NO <sub>2</sub>		
<b>Molecular Weight:</b>	137.14		
<b>Target:</b>	Endogenous Metabolite		
<b>Pathway:</b>	Metabolic Enzyme/Protease		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 75 mg/mL (546.89 mM; Need ultrasonic)  
 H<sub>2</sub>O : 4.55 mg/mL (33.18 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent		1 mg	5 mg	10 mg
	Concentration	Mass			
	1 mM		7.2918 mL	36.4591 mL	72.9182 mL
	5 mM		1.4584 mL	7.2918 mL	14.5836 mL
	10 mM		0.7292 mL	3.6459 mL	7.2918 mL

Please refer to the solubility information to select the appropriate solvent.

#### In Vivo

- Add each solvent one by one: PBS  
Solubility: 4.17 mg/mL (30.41 mM); Clear solution; Need ultrasonic and warming and heat to 60°C
- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline  
Solubility: ≥ 2.5 mg/mL (18.23 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)  
Solubility: ≥ 2.5 mg/mL (18.23 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 2.5 mg/mL (18.23 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

4-Aminobenzoic acid is an intermediate in the synthesis of folate by bacteria, plants, and fungi.

#### IC<sub>50</sub> & Target

Microbial Metabolite

Human Endogenous Metabolite

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

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