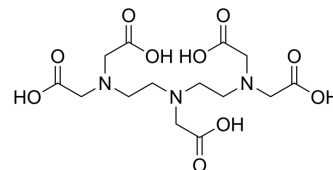


## Pentetic acid

Cat. No.:	HY-B1335		
CAS No.:	67-43-6		
Molecular Formula:	C <sub>14</sub> H <sub>23</sub> N <sub>3</sub> O <sub>10</sub>		
Molecular Weight:	393.35		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 5 mg/mL (12.71 mM); ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.5423 mL	12.7113 mL	25.4227 mL
	5 mM	0.5085 mL	2.5423 mL	5.0845 mL
	10 mM	0.2542 mL	1.2711 mL	2.5423 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: ≥ 0.5 mg/mL (1.27 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)  
Solubility: ≥ 0.5 mg/mL (1.27 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 0.5 mg/mL (1.27 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

Pentetic acid is a compound used to construct magnetic adsorbent, which can simultaneously remove heavy metal and dye from complex wastewater<sup>[1]</sup>.

**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