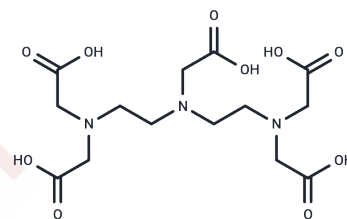


## Pentetic Acid

## Chemical Properties

CAS No. :	67-43-6
Formula:	C <sub>14</sub> H <sub>23</sub> N <sub>3</sub> O <sub>10</sub>
Molecular Weight:	393.35
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Pentetic Acid (Detarex) is an edetate and a chelating agent used in preparing radiopharmaceuticals.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 1.17 mg/mL (2.97 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
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
50 mM	0.0508 mL	0.2542 mL	0.5085 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Gi M, et al. Antimicrob Agents ChemOthers. 2014 Dec; 58(12):7205-14.

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