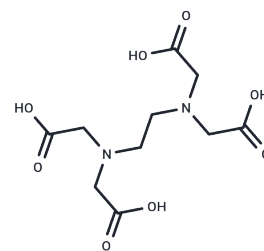


Edetic acid

Chemical Properties

CAS No. :	60-00-4
Formula:	C ₁₀ H ₁₆ N ₂ O ₈
Molecular Weight:	292.24
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Edetic acid (Ethylenediaminetetraacetic acid) is a chelating agent commonly used in protein purification, both to eliminate contaminating divalent cations and to inhibit protease activity.
Targets(IC50)	Others,Antibacterial

Solubility Information

Solubility	DMSO: Insoluble, 0.1 M NaOH: 6.96 mg/mL (23.82 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	3.4218 mL	17.1092 mL	34.2185 mL
5 mM	0.6844 mL	3.4218 mL	6.8437 mL
10 mM	0.3422 mL	1.7109 mL	3.4218 mL
50 mM	0.0684 mL	0.3422 mL	0.6844 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

D, Lebeau, P.E,et al. Direct analysis of ethylenediaminetetraacetic acid (EDTA) on concrete by reactive-desorption electrospray ionization mass spectrometry[J]. Talanta, 2015.

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