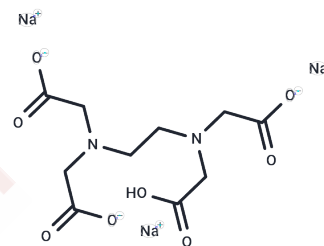


Ethylenediaminetetraacetic acid trisodium salt

Chemical Properties

CAS No. :	150-38-9
Formula:	C ₁₀ H ₁₃ N ₂ Na ₃ O ₈
Molecular Weight:	358.19
Appearance:	no data available
Storage:	store under nitrogen
	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Ethylenediaminetetraacetic acid trisodium salt (EDTA Trisodium) used to bind metal ions in the chelation therapy.
Targets(IC50)	Ferroptosis

Solubility Information

Solubility	DMSO: Insoluble, H ₂ O: 10 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	2.7918 mL	13.9591 mL	27.9181 mL
5 mM	0.5584 mL	2.7918 mL	5.5836 mL
10 mM	0.2792 mL	1.3959 mL	2.7918 mL
50 mM	0.0558 mL	0.2792 mL	0.5584 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.

Reference

Stowers JM, et al. Lancet. 1967 Jan 21;1(7482):124-7.

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