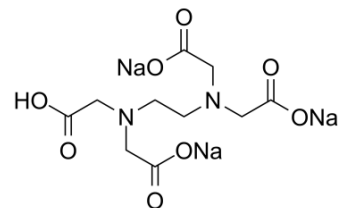


Ethylenediaminetetraacetic acid trisodium salt

Cat. No.:	HY-B1009		
CAS No.:	150-38-9		
Molecular Formula:	C ₁₀ H ₁₃ N ₂ Na ₃ O ₈		
Molecular Weight:	358.19		
Target:	Ferroptosis		
Pathway:	Apoptosis		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

H₂O : 50 mg/mL (139.59 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	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

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

BIOLOGICAL ACTIVITY

Description

Ethylenediaminetetraacetic acid trisodium salt (EDTA trisodium salt) is used to bind metal ions in the practice of chelation therapy, for treating mercury and lead poisoning, used in a similar manner to remove excess iron from the body, for treating the complication of repeated blood transfusions, as would be applied to treat thalassaemia.

CUSTOMER VALIDATION

- Biomed Pharmacother. 2019 Jan;109:2427-2433.

See more customer validations on www.MedChemExpress.com

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

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