

Edetate Sodium

Chemical Properties

CAS No. : 64-02-8

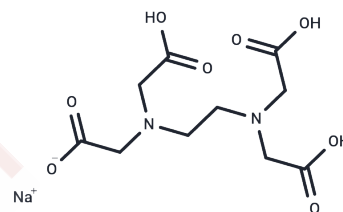
Formula: C₁₀H₁₆N₂NaO₈

Molecular Weight: 315.23

Keep away from moisture

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	Edetate Sodium is an agent of a Chelating Agent.
Targets(IC50)	Antibacterial

Solubility Information

Solubility	DMSO: Soluble, 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	3.1723 mL	15.8614 mL	31.7229 mL
5 mM	0.6345 mL	3.1723 mL	6.3446 mL
10 mM	0.3172 mL	1.5861 mL	3.1723 mL
50 mM	0.0634 mL	0.3172 mL	0.6345 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

- Li S, Zhang Q. [Effect of smear layer on apical sealing ability of mineral trioxide aggregate (MTA) Plus through the sucrose penetration mode]. Beijing Da Xue Xue Bao Yi Xue Ban. 2018 Jun 18;50(3):560-563. Chinese.
- Oliveira LV, et al. Can intra-radicular cleaning protocols increase the retention of fiberglass posts? A systematic review. Braz Oral Res. 2018 Mar 15;32:e16.
- Xia L, et al. High-efficient energy recovery from organics degradation for neutral wastewater treatment based on radicals catalytic reaction of Fe(2+)/Fe(3+)-EDTA complexes. Chemosphere. 2018 Jun;201:59-65.
- Fawaz EG, et al. Evaluation of copper toxicity using site specific algae and water chemistry: Field validation of laboratory bioassays. Ecotoxicol Environ Saf. 2018 Jul 15;155:59-65.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481