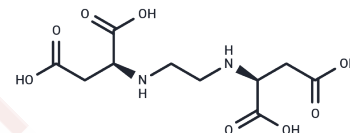


N,N'-Ethylenediamine disuccinic acid

Chemical Properties

CAS No. : 20846-91-7
 Formula: C₁₀H₁₆N₂O₈
 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	N, N'-Ethylenediamine disuccinic acid, as an aminopolycarboxylic acid, can be used as a biodegradable chelating agent similar to EDTA and used on a large scale in numerous applications.
Targets(IC50)	Others

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

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- Dong H, Zeng Y, Xie Y, He Q, Zhao F, Wang Y, Zeng G. Single and combined removal of Cr(VI) and Cd(II) by nanoscale zero-valent iron in the absence and presence of EDDS. *Water Sci Technol*. 2017 Sep;76(5-6):1261-1271. doi: 10.2166/wst.2017.321. PubMed PMID: 28876268; PubMed Central PMCID: wst_2017_321.
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