

DCTA monohydrate

Chemical Properties

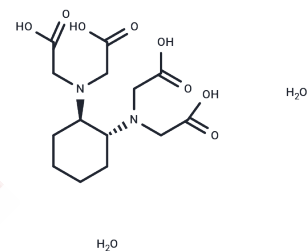
CAS No. : 125572-95-4

Formula: C₁₄H₂₆N₂O₁₀

Molecular Weight: 382.36

Storage: Keep away from direct sunlight, Store under nitrogen
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	DCTA monohydrate is an organic acid known as N,N,N',N'-tetracarboxylic acid, recognized for its strong chelating abilities. It functions as a chelating and coordinating agent for metal ions, effectively forming stable complexes with various metal ions such as calcium, magnesium, and zinc. When modified with ethylene glycol, DCTA exhibits selectivity for calcium ions in the presence of magnesium ions.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6153 mL	13.0767 mL	26.1534 mL
5 mM	0.5231 mL	2.6153 mL	5.2307 mL
10 mM	0.2615 mL	1.3077 mL	2.6153 mL
50 mM	0.0523 mL	0.2615 mL	0.5231 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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