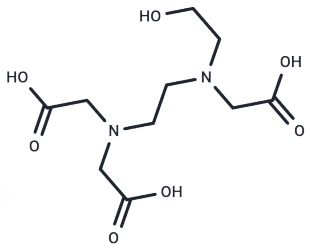
Data Sheet (Cat.No.T65232)

TargetMol

HEDTA

Chemical Properties



CAS No. : 150-39-0

Formula: C10H18N2O7

Molecular Weight: 278.26

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	HEDTA is a chelating agent often used in combination with citric acid to study blood disorders and blood stress in the brain.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: < 1 mg/mL (insoluble or slightly soluble) H2O: 57.5 mg/mL (206.64 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5938 mL	17.9688 mL	35.9376 mL
5 mM	0.7188 mL	3.5938 mL	7.1875 mL
10 mM	0.3594 mL	1.7969 mL	3.5938 mL
50 mM	0.0719 mL	0.3594 mL	0.7188 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

Flora SJ, et al. Aluminum-induced oxidative stress in rat brain: response to combined administration of citric acid and HEDTA. Comp Biochem Physiol C Toxicol Pharmacol. 2003 Mar;134(3):319-28.

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