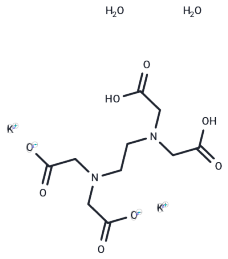
Data Sheet (Cat.No.T75335)

TargetMol

Ethylenediaminetetraacetic acid dipotassium dihydrate

Chemical Properties



CAS No. : 25102-12-9

Formula: C10H18K2N2O10

Molecular Weight: 404.45

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	Ethylenediaminetetraacetic acid (EDTA) dipotassium dihydrate is an anticoagulant and chelating agent for heavy metals that alleviates toxicity. However, it can damage chromosomes, interfere with DNA repair processes, and increase the incidence of meiosis exchange [1].
Targets(IC50)	Others,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4725 mL	12.3625 mL	24.7249 mL
5 mM	0.4945 mL	2.4725 mL	4.945 mL
10 mM	0.2472 mL	1.2362 mL	2.4725 mL
50 mM	0.0494 mL	0.2472 mL	0.4945 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.

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