

Erythronic acid

Chemical Properties

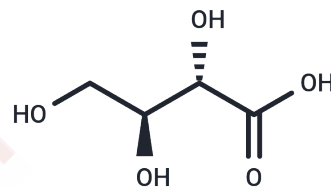
CAS No. : 13752-84-6

Formula: C₄H₈O₅

Molecular Weight: 136.1

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	Erythronic acid, an endogenous carbohydrate metabolite, is instrumental for research into metabolism-associated disorders. It significantly influences both the development and amelioration of hyperuricemia and is associated with mitochondrial dysfunction in cases of transaldolase deficiency [1].
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.3475 mL	36.7377 mL	73.4754 mL
5 mM	1.4695 mL	7.3475 mL	14.6951 mL
10 mM	0.7348 mL	3.6738 mL	7.3475 mL
50 mM	0.147 mL	0.7348 mL	1.4695 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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