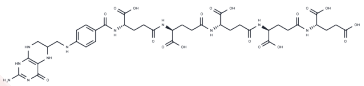
Data Sheet (Cat.No.T26262)

TargetMol

Tetrahydropteroylpentaglutamate

Chemical Properties



CAS No. : 41520-73-4

Formula: C39H51N11O18

Molecular Weight: 961.89

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	Tetrahydropteroylpentaglutamate shows potent product inhibition by H4PteGlu5. In vivo, this enzyme may bind great amounts of this coenzyme in a nearly irreversible enzyme.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0396 mL	5.1981 mL	10.3962 mL
5 mM	0.2079 mL	1.0396 mL	2.0792 mL
10 mM	0.104 mL	0.5198 mL	1.0396 mL
50 mM	0.0208 mL	0.104 mL	0.2079 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

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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