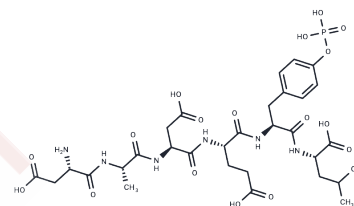


[pTyr5] EGFR (988-993)

Chemical Properties

CAS No. :	159453-08-4
Formula:	C31H45N6O17P
Molecular Weight:	804.69
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	[pTyr5] EGFR (988-993) is a compound derived from the auto-phosphorylation site Tyr992 in the epidermal growth factor receptor (EGFR 988-993), and it is often associated with the catalytically inactive protein-tyrosine phosphatase 1B (PTP1B).
Targets(IC50)	Phosphatase

Solubility Information

Solubility	H2O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2427 mL	6.2136 mL	12.4271 mL
5 mM	0.2485 mL	1.2427 mL	2.4854 mL
10 mM	0.1243 mL	0.6214 mL	1.2427 mL
50 mM	0.0249 mL	0.1243 mL	0.2485 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

Sarmiento M, et al. Structural basis of plasticity in protein tyrosine phosphatase 1B substrate recognition. *Biochemistry*. 2000 Jul 18;39(28):8171-9.

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