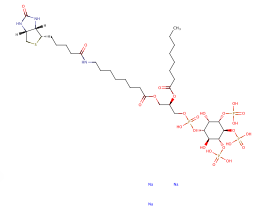


PtdIns-(3,4,5)-P3-biotin (sodium salt)

Chemical Properties

CAS No. : 1415684-80-8
 Formula: C₃₅H₆₁N₃Na₄O₂₄P₄S
 Molecular Weight: 1155.78
 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	The PtdIn phosphates play an important role in the generation and transduction of intracellular signals. PtdIns-(3,4,5)-P3-biotin is an affinity probe which allows the PIP3 to be detected through an interaction with the biotin ligand. This design allows PtdIns-(3,4,5)-P3-biotin to serve as a general probe for any protein with a high affinity binding interaction with inositol-(3,4,5)-triphosphate phospholipids, such as phosphatidylinositol 3-kinase, PTEN, or PH-domain-containing proteins.
Targets(IC50)	Others,Phosphatase

Solubility Information

Solubility	H ₂ O: 1 mg/mL (0.87 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8652 mL	4.3261 mL	8.6522 mL
5 mM	0.173 mL	0.8652 mL	1.7304 mL
10 mM	0.0865 mL	0.4326 mL	0.8652 mL
50 mM	0.0173 mL	0.0865 mL	0.173 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