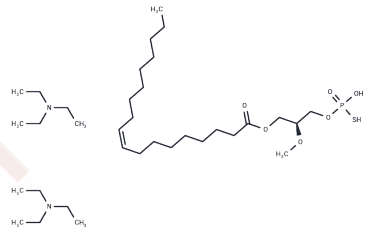
Data Sheet (Cat.No.TYD-01447)

TargetMol

(2S)-OMPT (triethylamine)

Chemical Properties



CAS No. : 1217471-69-6

Formula: C34H73N2O6PS

Molecular Weight: 668.99

Storage: -20°C for 2 years, 4°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	(2S)-OMPT (triethylamine), dissolved in a 1:1 mixture of ethanol and chloroform at a purity of 98%, is a chiral epoxide derivative commonly used as a ligand in asymmetric catalysis. It is particularly valuable in the enantioselective synthesis of bioactive molecules such as amino acids and pharmaceuticals. The unique chemical properties of (2S)-OMPT triethylamine allow it to selectively bind specific metal complexes and activate them to preferentially form desired enantiomers.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4948 mL	7.474 mL	14.9479 mL
5 mM	0.299 mL	1.4948 mL	2.9896 mL
10 mM	0.1495 mL	0.7474 mL	1.4948 mL
50 mM	0.0299 mL	0.1495 mL	0.299 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