

NHS-PEG4-biotinidase resistant biotin

Chemical Properties

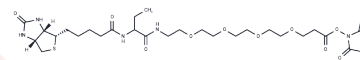
CAS No. : 1334172-61-0

Formula: C₂₉H₄₇N₅O₁₁S

Molecular Weight: 673.775

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	NHS-PEG4-biotinidase resistant biotin is a biotinylation reagent featuring a terminal NHS ester. The hydrophilic PEG spacer enhances its solubility in aqueous media. NHS ester is suitable for labeling primary amines (-NH ₂) found in proteins, amine-modified oligonucleotides, and other amine-containing molecules.
-------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4842 mL	7.4208 mL	14.8416 mL
5 mM	0.2968 mL	1.4842 mL	2.9683 mL
10 mM	0.1484 mL	0.7421 mL	1.4842 mL
50 mM	0.0297 mL	0.1484 mL	0.2968 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