

Fmoc-NH-PEG4-HZ-BOC

Chemical Properties

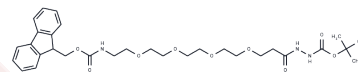
CAS No. : 1263044-77-4

Formula: C₃₁H₄₃N₃O₉

Molecular Weight: 601.688

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

Fmoc-NH-PEG4-HZ-BOC is a PEG reagent with an Fmoc-protected amine and a Boc-protected acylhydrazide. The Fmoc group can be deprotected under basic conditions to yield a free amine available for further conjugation. The hydrophilic PEG spacer enhances solubility in aqueous media. Boc can be removed under mild acidic conditions to form an active acylhydrazide, which can then couple with various carbonyls.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.662 mL	8.3099 mL	16.6199 mL
5 mM	0.3324 mL	1.662 mL	3.324 mL
10 mM	0.1662 mL	0.831 mL	1.662 mL
50 mM	0.0332 mL	0.1662 mL	0.3324 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