

t-Boc-N-amido-PEG12-acid

Chemical Properties

CAS No. : 187848-68-6

Formula:

Molecular Weight:

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

t-Boc-N-amido-PEG12-acid is a PEG linker featuring a terminal carboxylic acid and a Boc-protected amino group. The hydrophilic PEG spacer enhances solubility in aqueous media. The terminal carboxylic acid can react with primary amine groups in the presence of activators (such as EDC or HATU) to form a stable amide bond. The Boc group can be deprotected under mild acidic conditions to yield a free amine.

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