

## Mal-PEG12-t-butyl ester

### Chemical Properties

CAS No. : 1443214-98-9

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	Mal-PEG12-t-butyl ester is a PEG linker containing a maleimide group and a t-butyl ester group. The hydrophilic PEG spacer enhances solubility in aqueous media. The t-butyl-protected carboxyl group can be deprotected under acidic conditions. The maleimide group reacts with thiol groups to form covalent bonds, enabling the conjugation of biomolecules with thiols.
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