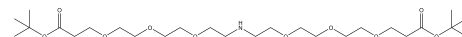


## Product Information

### Carboxylic acid/Maleimide/NHS PEG reagent, *N*-(Mal-PEG4-carbonyl)-*N*-bis(PEG4-NHS ester), Purity 98%

**Cat. No.:** X24-09-YYX156



**Size:** 50 mg; 100 mg; 250 mg; 500 mg

**Synonym:** Mal-PEG4-NHS; Mal-PEG4-NHS ester; Mal-PEG4-bis(PEG4-NHS)' *N*

-(Maleimide-PEG4)-*N*-bis(PEG4-NHS ester)

**This product is for research use only and is not intended for diagnostic use.**

#### Product Information

<b>Description</b>	<i>N</i> -(Mal-PEG4-carbonyl)- <i>N</i> -bis(PEG4-NHS ester) contains a maleimide group, a PEG4 chain, a carbonyl group, and two PEG4-NHS ester moieties. It can be utilized for targeted conjugation and modification of biomolecules, especially those containing thiol groups.
<b>Molecular Weight</b>	1106.2
<b>Molecular Formula</b>	C <sub>48</sub> H <sub>75</sub> N <sub>5</sub> O <sub>24</sub>
<b>Functional Group 1</b>	NHS
<b>Functional Group 2</b>	Acid
<b>Functional Group 3</b>	Maleimide
<b>Reactive Group 1</b>	Amine
<b>Reactive Group 2</b>	Thiol
<b>Form</b>	Solid or viscous liquid
<b>Purity</b>	98%
<b>Solubility</b>	DMSO, DCM, DMF
<b>Identity</b>	Confirmed by NMR.
<b>Applications</b>	This compound has potential applications in bioconjugation, drug delivery systems, and the modification of biomolecules, making it a valuable tool in the fields of biotechnology and medicinal chemistry.
<b>Storage</b>	Store at -20°C.