

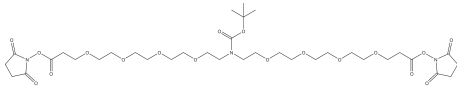
Product Information

Maleimide/NHS PEG reagent, *N*-(Mal-PEG8-carbonyl)-*N*-bis(PEG8-NHS ester), Purity 95%

Cat. No.: X24-09-YYX218

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

Synonym: Mal-PEG8-carbonyl-bis(PEG8-NHS); *N*-(Maleimide-PEG8)-*N*-bis(PEG8-*N*-hydroxysuccinimide ester); *N*-bis(PEG8-NHS ester)-*N*-(Mal-PEG8); *N*-(Mal-PEG8)-*N*-bis(PEG8-*N*-hydroxysuccinimide)



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

Product Information	
Description	<i>N</i> -(Mal-PEG8-carbonyl)- <i>N</i> -bis(PEG8-NHS ester) is a complex chemical compound. It consists of a maleimide (Mal) group linked to a polyethylene glycol (PEG8) chain through a carbonyl group, and two PEG8 chains each terminated with an NHS (N-hydroxysuccinimide) ester. The PEG8 chains enhance the the solubility and biocompatibility of compounds.
Molecular Weight	1634.8
Molecular Formula	C ₇₂ H ₁₂₃ N ₅ O ₃₆
Functional Group 1	Ester
Functional Group 2	Maleimide
Functional Group 3	NHS
Reactive Group 1	Thiol
Reactive Group 2	Amine
Form	Solid or viscous liquid
Purity	95%
Identity	Confirmed by NMR.
Applications	<i>N</i> -(Mal-PEG8-carbonyl)- <i>N</i> -bis(PEG8-NHS ester) is utilized in the conjugation of biomolecules for targeted drug delivery or as a linker in various biotechnological applications.
Storage	Store at -20°C.