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

Description	<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.
Molecular Weight	1106.2
Molecular Formula	$C_{48}H_{75}N_5O_{24}$
Functional Group 1	NHS
Functional Group 2	Acid
Functional Group 3	Maleimide
Reactive Group 1	Amine
Reactive Group 2	Thiol
Form	Solid or viscous liquid
Purity	98%
Solubility	DMSO, DCM, DMF
Identity	Confirmed by NMR.
Applications	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.
Storage	Store at -20°C.

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