

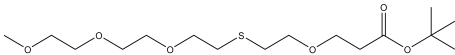
Product Information

NHS PEG reagent, *N*-(NHS ester-PEG6)-*N*-bis(PEG6-*N*-Boc), Purity 95%

Cat. No.: X24-09-YYX197

Size: 100 mg; 250 mg; 500 mg

Synonym: NHS-PEG6-bis(PEG6-Boc); *N*-(PEG6-NHS)-*N*-bis(PEG6-t-butoxycarbonyl); *N*-bis(PEG6-*N*-Boc)-*N*-(NHS-PEG6); *N*-bis(PEG6-Boc)-*N*-(*N*-hydroxysuccinimide-PEG6)



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

Product Information

Description	<i>N</i> -(NHS ester-PEG6)- <i>N</i> -bis(PEG6- <i>N</i> -Boc) is a complex chemical compound. It consists of an NHS ester-functionalized polyethylene glycol group and two PEG6 chains with <i>N</i> -Boc protection. The NHS ester end provides a reactive site for conjugation with other molecules, while the PEG6 chains enhance solubility and biocompatibility. The <i>N</i> -Boc protection groups offer controlled reactivity and stability during synthesis or chemical reactions.
Molecular Weight	1265.5
Molecular Formula	C ₅₇ H ₁₀₈ N ₄ O ₂₆
Functional Group 1	Boc
Functional Group 2	Ester
Functional Group 3	NHS
Reactive Group 1	Amine
Form	Solid or viscous liquid
Purity	95%
Identity	Confirmed by NMR.
Applications	<i>N</i> -(NHS ester-PEG6)- <i>N</i> -bis(PEG6- <i>N</i> -Boc) is used in the synthesis of complex PEGylated molecules for drug delivery or as a linker in bioconjugation processes.
Storage	Store at -20°C.