

Product Information

Mesyl PEG reagent, m-PEG8-Ms, Purity 98%

Cat. No.: X24-10-WXX423

Size: 500 mg; 1 g; 2 g

CAS Number: 477775-57-8

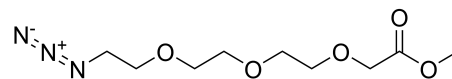
PubChem CID: 21930814

Synonym: m-PEG8-Ms; 477775-57-8; m-PEG7-Ms;

2,5,8,11,14,17,20-heptaoadocosan-22-yl methanesulfonate;

2-[2-[2-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethyl

methanesulfonate



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

Product Information

Description	m-PEG8-Ms is a reagent grade PEG linker with a mesyl group. The mesyl group is used for nucleophilic substitution reactions. The PEG spacer increases water solubility.
Molecular Weight	418.5
Molecular Formula	C ₁₆ H ₃₄ O ₁₀ S
Functional Group 1	Mesyl
Functional Group 2	None
Functional Group 3	None
Reactive Group 1	Nucleophile
IUPAC Name	2-[2-[2-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethyl methanesulfonate
InChI	InChI=1S/C16H34O10S/c1-19-3-4-20-5-6-21-7-8-22-9-10-23-11-12-24-13-14-25-15-16-26-27(2,17)18/h3-16H2,1-2H3
InChI Key	ABSVPRBGVPHWDJ-UHFFFAOYSA-N
Canonical SMILES	COCCOCCOCCOCCOCCOCCOCCOS(=O)(=O)C
Form	Solid
Purity	98%
Identity	Confirmed by NMR.
Applications	m-PEG8-Ms is pivotal in forming structures with controlled release properties, enabling the attachment of various ligands for targeting purposes, particularly in oncology and other therapeutic areas.

Storage Store at -20°C.
