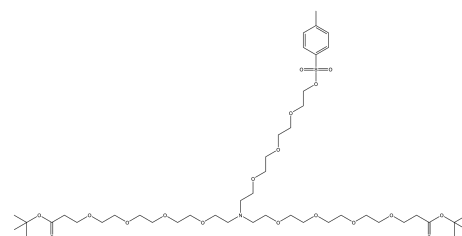


Azide PEG reagent, m-PEG10-azide, Purity 98%

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



Description	m-PEG10-azide acts as a water-soluble linker designed for click chemistrythat includes an azide group. It can react with alkyne compounds such as BCN or DBCO through click chemistry processes to yield stable triazole linkages.
Molecular Weight	497.6
Molecular Formula	C ₂₁ H ₄₃ N ₃ O ₁₀
Functional Group 1	Azide
Functional Group 2	None
Functional Group 3	None
Reactive Group 1	Alkynyl
IUPAC Name	1-Azido-2-[2-[2-[2-[2-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethane
InChI	InChI=1S/C21H43N3O10/c1-25-4-5-27-8-9-29-12-13-31-16-17-33-20-21-34-19-18-32-15-14-30-11-10-28-7-6-26-3-2-23-24-22/h2-21H2,1H3
InChI Key	JIJUYQJOYRMNAR-UHFFFAOYSA-N
Canonical SMILES	COCCOCCOCCOCCOCCOCCOCCOCCOCCOCCCN=[N+]=[N-]
Form	Solid
Purity	98%
Identity	Confirmed by NMR.
Applications	In drug formulation, it can enhance the solubility and stability of drugs, improving their pharmacokinetic profiles.
Storage	Store at -20°C.

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