

Product Information

Azide PEG reagent, PTDA-PEG4-azide, Purity 98%

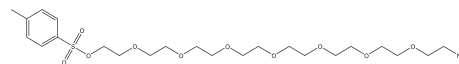
Cat. No.: X24-09-YYX333

Size: 50 mg; 100 mg; 250 mg

CAS Number: 2639395-40-5

Synonym: PTAD-PEG4-N3; Azide PEG reagent; PTDA-PEG4-azide

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



Product Information

Description	PTDA-PEG4-azide is offered at reagent grade specifically for research use.
Molecular Weight	539.5
Molecular Formula	C ₂₂ H ₃₃ N ₇ O ₉
Functional Group 1	Azide
Functional Group 2	None
Functional Group 3	None
Reactive Group 1	Alkynyl
IUPAC Name	3-[2-[2-[2-(2-Azidoethoxy)ethoxy]ethoxy]ethoxy]-N-[2-[4-(3,5-dioxo-1,2,4-triazolidin-4-yl)-2-methoxyphenoxy]ethyl]propanamide
InChI	InChI=1S/C22H33N7O9/c1-33-19-16-17(29-21(31)26-27-22(29)32)2-3-18(19)38-9-5-24-20(30)4-7-34-10-12-36-14-15-37-13-11-35-8-6-25-28-23/h2-3,16H,4-15H2,1H3,(H,24,30)(H,26,31)(H,27,32)
InChI Key	FEIQZMMASRDUCL-UHFFFAOYSA-N
Isomeric SMILES	COC1=C(C=CC(=C1)N2C(=O)NNC2=O)OCCNC(=O)CCOCCOCCOCCOCCN=[N+]=[N-]
Form	Solid
Purity	98%
Solubility	Water, DMSO, DCM, DMF
Identity	Confirmed by NMR.
Applications	In the field of biosensors and diagnostics, it can be incorporated into sensor surfaces to capture and detect specific biomolecules.
Storage	Store at -20°C.