

Product Information

Amine/Azide PEG reagent, Tetra-(amido-PEG10-azide), Purity 97%

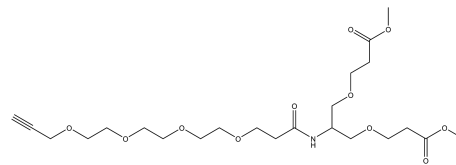
Cat. No.: X24-09-YYX459

Size: 100 mg; 250 mg; 500 mg; 1 g

CAS Number: 2375600-75-0

Synonym: 2375600-75-0; Tetra-amido-PEG10-azide; Tetra-(PEG10-azide amide);

Tetra-(azide-PEG10-amido)



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

Product Information

Description	Tetra-(amido-PEG10-azide) is a branched PEG linker featuring four terminal azide functionalities. These azide groups facilitate PEGylation through click chemistry methods.
Molecular Weight	2458.9
Molecular Formula	C ₁₀₅ H ₂₀₄ N ₁₆ O ₄₈
Functional Group 1	Azide
Functional Group 2	Amine
Functional Group 3	Ether
Reactive Group 1	Alkynyl
Reactive Group 2	Acid
Form	Solid
Purity	97%
Identity	Confirmed by NMR.
Applications	In drug delivery, it can be used to create nanoparticles or micelles with controlled release of therapeutics. The PEG10 chains impart solubility and biocompatibility.
Storage	Store at -20°C.