SUITE 201, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-637-6119 | Email: info@bioglyco.com

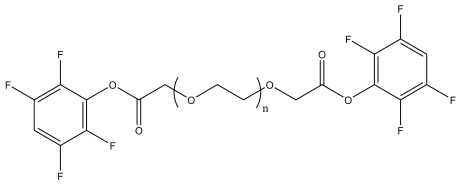
Product Information

Amine/Azide/Fmoc-protected amine PEG reagent, *N*-Fmoc-*N*'-(azido-PEG4)-L-Lysine, Purity 98%

Cat. No.: X24-09-YYX450

Size: 250 mg; 500 mg; 1 g

Synonym: Fmoc-Lysine-Azido-PEG4; Fmoc-*N*-(azido-PEG4)-Lysine; *N*-(Azido-PEG4)-Fmoc-L-Lysine



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

Product Information

Description	*N*-Fmoc-*N*'-(azido-PEG4)-L-lysine is a crosslinking agent that features one Fmoc-protected amine, an azide group, and lysine. The presence of the azide allows for click chemistry applications. Additionally, the hydrophilic PEG spacer enhances solubility in aqueous solutions.
Molecular Weight	641.7
Molecular Formula	$C_{32}H_{43}N_5O_9$
Functional Group 1	Amine
Functional Group 2	Azide
Functional Group 3	Fmoc
Reactive Group 1	Acid
Reactive Group 2	Alkyne
Form	Solid
Purity	98%
Solubility	DMSO, DCM, DMF
Identity	Confirmed by NMR.
Applications	This compound is commonly employed in solid-phase peptide synthesis. It is also useful in the synthesis of peptides with specific PEG modifications for various applications such as enhancing solubility or targeting properties.
Storage	Store at -20°C.