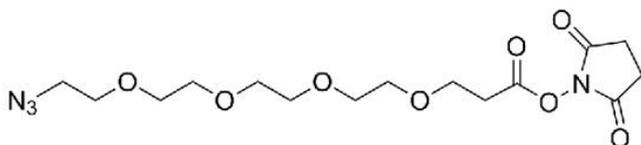


AZIDO-PEG4-NHS ESTER

SKU: CCT-AZ103



Description

Azido-PEG4-NHS Ester is a labeling reagent that can be used to modify primary amine groups (e.g., a side chain of lysine residues or aminosilane-coated surfaces) with an azido group via a stable amide bond. The azide (N₃) group reacts with terminal alkynes via CuAAC, strained cyclooctynes (e.g. DBCO or BCN compounds) via Cu-free click reaction or with phosphine-labeled molecules by a mechanism known as Staudinger chemistry, enabling efficient and specific conjugation of derivatized molecules in biological samples.

Specifications

Unit Size	25 mg, 100 mg, 1000 mg
Molecular weight	388.37
Chemical composition	C ₁₅ H ₂₄ N ₄ O ₈
CAS	944251-24-5
Solubility	DMSO, DMF, DCM, THF, Chloroform
Purity	>95% (HPLC)
Appearance	Colorless to slightly yellow oil
Storage Conditions	-20°C. Desiccate
Shipping Conditions	Ambient temperature

For research use only. Not intended for animal or human therapeutic or diagnostic use.