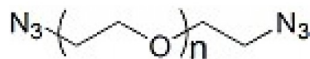


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N3-PEG-N3

Catalogue No.: abx085048



Polyethylene glycol (PEG) compounds contain a polyether unit, commonly expressed as $R_1-(O-CH_2-CH_2)_n-O-R_2$. They are generally biocompatible, non-toxic and stable in both organic and aqueous solutions, and so are extensively used in biological applications, as well as nanotechnology and materials research. Proteins with PEG chain modifications and compounds encapsulated in PEG liposomes exhibit a longer half-life *in vivo* than their non-PEGylated counterparts, a phenomenon known as PEG shielding. Functionalised PEG lipids and phospholipids can be used for protein-PEG conjugation.

Azide-PEG-azide is a linear bifunctional PEG reagent with two reactive azido (N3) groups and it is used for crosslinking PEGylation via a click chemistry reaction between azide and alkyne or acetylene.

Target:	N3-PEG-N3
Conjugation:	Unconjugated
Note:	This product is for research use only.