



AMINOXY-DPEG®₁₁-AZIDE.HCL

SKU: QBD-10538



DESCRIPTION

Aminoxy-dPEG®₁₁-azide.HCl, product number QBD-10538, is a click chemistry crosslinker functionalized with an oxyamine moiety on one end of a medium-length (38 atoms), single molecular weight, discrete PEG (dPEG®) linker, and an azide group on the other end. The azide end of the linker reacts with aliphatic or cyclic alkynes through copper-catalyzed (CuAAC), ruthenium-catalyzed (RuAAC), or strain-promoted, copper-free (SPAAC) click chemistry to form a triazole ring. The molecule's aminoxy end (sold as an HCl salt) reacts with aldehydes and ketones to form biocompatible, stable oxime bonds that are important in many bioconjugation and supramolecular construction processes.

SPECIFICATIONS

CAS Number	N/A
Molecular Weight	623.134
Chemical Formula	C ₂₄ H ₅₁ ClN ₄ O ₁₂
Purity	> 95%
Unit Size	50 mg, 1000 mg
Solubility	Water, DCM, or methanol
Spacers	dPEG® Spacer is 38 atoms and 40.8Å

For research use only. Not intended for therapeutic or diagnostic use in animals or humans.

