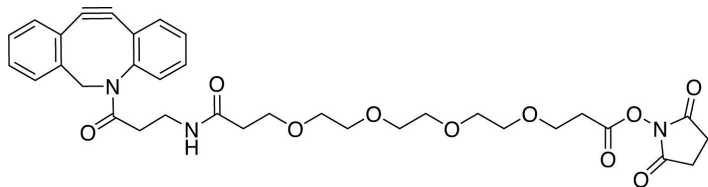




DBCO-PEG4-NHS ESTER

SKU: CCT-A134



DESCRIPTION

DBCO-PEG4-NHS Ester reacts specifically and efficiently with a primary amine (e.g., side chain of lysine residues or aminosilane-coated surfaces) at pH 7-9 to form a covalent bond. The hydrophilic polyethylene glycol (PEG) spacer arm imparts water solubility and provides a long and flexible connection that minimizes steric hindrance involved with ligation to complementary azide-containing molecules.

SPECIFICATIONS

CAS Number	1427004-19-0
Molecular Weight	649.7
Molecular Formula	C ₃₄ H ₃₉ N ₃ O ₁₀
Appearance	Yellow to slightly orange oil
Chemical Formula	C ₃₄ H ₃₉ N ₃ O ₁₀
Purity	>95% (HPLC)
Unit Size	10mg, 4×2 mg, 25mg, 100mg, 500mg
Solubility	DMSO, DMF, DCM, THF, Chloroform
Storage Instructions	-20°C. Desiccate
Shipping Conditions	Frozen
Shipping Instructions	Frozen

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



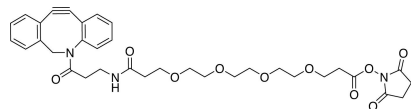
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7. Nedrow-Byerst, J.R., *et al.* (2013). PSMA-targeted SPECT agents: mode of binding effect on in vitro performance. *Prostate.*, **73**(4), 355-62. [[PubMed](#)]

DOCUMENTS

- [Safety Data Sheet](#)
- [Download CoA](#)
- [User Guide](#)
- [Datasheet](#)

GALLERY IMAGES



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