

Product Information

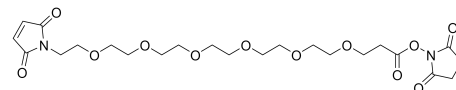
DBCO/NHS PEG reagent, DBCO-*N*-bis(PEG8-NHS ester), Purity 95%

Cat. No.: X24-10-WXX229

Size: 50 mg; 100 mg; 250 mg

Synonym: DBCO/NHS PEG reagent; DBCO-*N*-bis(PEG8-NHS ester)

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



Product Information

Description	DBCO- <i>N</i> -bis(PEG8-NHS ester) is a reagent grade trifunctional reagent with a DBCO moiety and two activated NHS esters. The NHS esters are activated towards attack from nucleophiles such as amines and alcohols to form amides or esters respectively. The DBCO reacts spontaneously with azide groups to form stable triazole links with the target molecule.
Molecular Weight	1347.5
Molecular Formula	C ₆₅ H ₉₄ N ₄ O ₂₆
Functional Group 1	DBCO
Functional Group 2	NHS
Functional Group 3	None
Reactive Group 1	Azide
Form	Liquid
Purity	95%
Identity	Confirmed by NMR.
Applications	DBCO- <i>N</i> -bis(PEG8-NHS ester) promotes versatility in drug delivery formats where precise control and targeting of pharmaceuticals are paramount.
Storage	Store at -20°C.