

Product Information

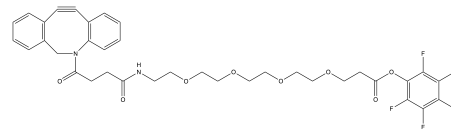
DBCO/PFP PEG reagent, DBCO-PEG4-PFP ester, Purity 98%

Cat. No.: X24-03-YW0428

Size: 100 mg; 250 mg; 500 mg

PubChem CID: 340135758

Synonym: BP-23753



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

Product Information

Description	DBCO-PEG4-PFP ester is a PFP active ester containing a DBCO group designed for copper-free Click Chemistry with azides. The PFP ester reacts with amine groups and is known for its stability and resistance to hydrolysis.
Molecular Weight	718.7
Molecular Formula	$C_{36}H_{35}F_5N_2O_8$
Functional Group 1	DBCO
Functional Group 2	PFP
Functional Group 3	None
Reactive Group 1	Amine
Reactive Group 2	Azide
Form	Liquid
Purity	98%
Solubility	DMSO, DCM, DMF
Identity	Confirmed by NMR.
Applications	DBCO-PEG4-PFP ester is used in bioconjugation and molecular biology research, enabling efficient copper-free Click Chemistry reactions. Its PFP ester moiety is ideal for modifying amine groups, enhancing solubility in aqueous media.
Storage	Store at -20°C.