Product Data Sheet

Product Name:	DBCO-PEG8-NHS ester
Cat. No.:	GC39606

Chemical Properties

Cas. No.	2553412-88-5		
SMILES	O=C(N1CC2=C(C#CC3=C1C=CC=C3)C=CC=C2)CCC(NCCOCCOCCOCCOCCOCCOCCOCCOCCC(ON4C(CCC4=O)=O)=O)=O		
Formula	$C_{42}H_{55}N_3O_{14}$	M.Wt	825.9
Solubility	Soluble in DMSO	Storage	Store at -20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 ℃ and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20℃ for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		
Structure	DBCO-PEG8-NHS ester		

Background

DBCO-PEG8-NHS ester is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs[1].

[1]. An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

Caution: Product has not been fully validated for medical applications. For research use only.
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