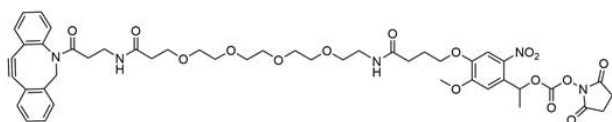


PC DBCO-NHS ESTER

SKU: CCT-1160



Description

Photocleavable DBCO-NHS ester reagent contains an amine reactive group linked to DBCO moiety through a spacer arm containing a photocleavable moiety. Molecules jointed by the copper-free click reaction can be efficiently photoreleased, typically >90% in 5-25 minutes using an inexpensive, near-UV, low intensity lamp (e.g. 365 nm lamp at 1-5 mW/cm²).

Specifications

Unit Size	10 mg, 25 mg, 100 mg
Molecular weight	945.96
Chemical composition	C ₄₇ H ₅₅ N ₅ O ₁₆
CAS	N/A
Solubility	DMF, DMSO, DCM, THF, Chloroform
Purity	≥90% (HPLC)
Appearance	Yellow amorphous solid
Storage Conditions	-20°C. Desiccate
Shipping Conditions	Ambient temperature

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