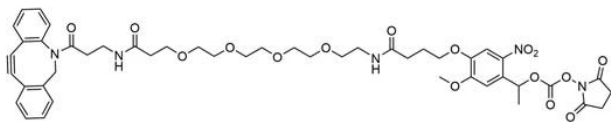


# PC DBCO-NHS ESTER

**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/cm<sup>2</sup>).

## Specifications

<b>Unit Size</b>	10 mg, 25 mg, 100 mg
<b>Molecular weight</b>	945.96
<b>Chemical composition</b>	C47H55N5O16
<b>CAS</b>	N/A
<b>Solubility</b>	DMF, DMSO, DCM, THF, Chloroform
<b>Purity</b>	≥90% (HPLC)
<b>Appearance</b>	Yellow amorphous solid
<b>Storage Conditions</b>	-20°C. Desiccate
<b>Shipping Conditions</b>	Ambient temperature

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**For research use only. Not intended for animal or human therapeutic or diagnostic use.**