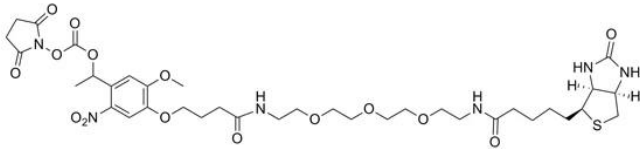




PC BIOTIN-NHS ESTER

SKU: CCT-1225



DESCRIPTION

PC Biotin-NHS Ester as a unique amine reactive, photocleavable biotin reagent that allows for reagent-free release of the captured biomolecules from streptavidin beads. This reagent contains a biotin moiety linked to the amine reactive N-hydroxysuccinimidyl (NHS) mixed carbonate through a spacer arm containing a photocleavable moiety. The NHS portion of this compound reacts specifically with primary amine groups on the target molecule(s) to form a carbamate linkage. Captured biomolecules 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

CAS Number	N/A
Molecular Weight	840.89
Appearance	Slightly yellow amorphous solid to oil
Chemical Formula	C ₃₆ H ₅₂ N ₆ O ₁₅ S
Unit Size	4 x 1 mg, 10 mg, 25 mg, 100 mg
Solubility	DMSO, DMF, DCM, THF, Chloroform
Storage Instructions	-20°C. Desiccate
Shipping Conditions	Frozen

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



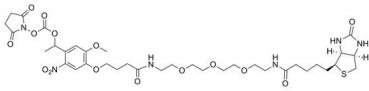
Shipping Instructions

Frozen

DOCUMENTS

- [Safety Data Sheet](#)
- [Download CoA](#)
- [Datasheet](#)

GALLERY IMAGES



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