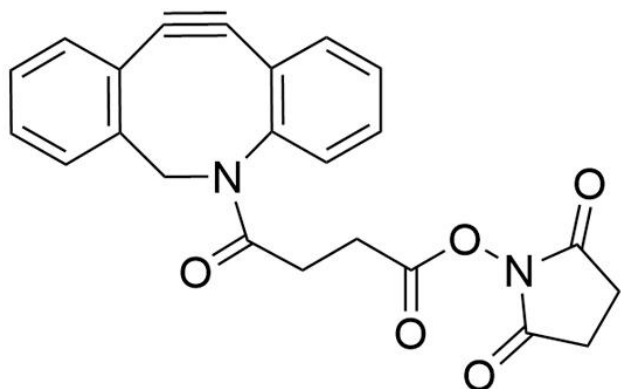


DBCO-NHS ESTER, $\geq 98\%$

SKU: CCT-1491



Description

We manufacture our Molecular Biology Grade reagent to ensure the highest possible overall product integrity, consistency and performance for the intended research applications. We offer the highest purity DBCO-NHS Ester available. DBCO-NHS Ester also known as ADIBO-NHS Ester or DIBAC-NHS Ester, is an amine-reactive building block used for modification of amine-containing molecule in organic media. It reacts with primary amines (e.g., side chain of lysine residues or aminosilane-coated surfaces) at neutral or slightly basic pH to form covalent bonds. Short spacer arm adds minimal mass to modified molecules (228.3 daltons).

This product is not recommended for labeling of proteins or any other biopolymers in aqueous buffers due to poor aqueous solubility.

Specifications

Unit Size	25 mg, 100 mg, 1000 mg, 5 g
Molecular weight	402.40
Chemical composition	C ₂₃ H ₁₈ N ₂ O ₅
CAS	1353016-71-3
Solubility	DMSO, DMF, DCM, THF, Chloroform
Purity	$\geq 98\%$ (HPLC)
Appearance	White to slightly grey crystalline

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

Storage Conditions	-20°C. Desiccate
Shipping Conditions	Frozen

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<https://vectorlabs.com/products/dbco-nhs-ester-%e2%89%a598>