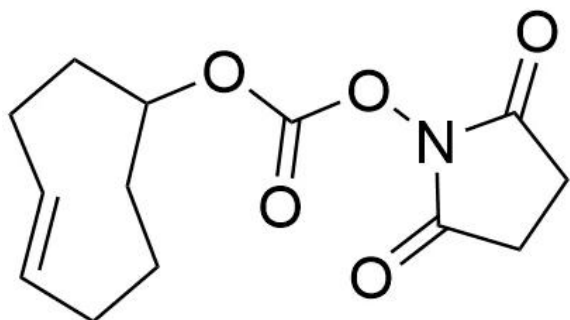


TCO-NHS ESTER (EQUATORIAL)

SKU: CCT-1016



Description

TCO-NHS Ester is an amine-reactive building block used for modification of amine-containing molecule in organic media. TCO-NHS ester is supplied as a single equatorial (major, *rel*-(1S-2S-5E-pR), ref 1 and 4) diastereomer. Specially formulated crystalline provides easy handling and extended shelf life.

Important Product Information:

TCO-NHS Ester is not recommended for labeling of proteins in aqueous buffers due to poor level of activation of labeled proteins ([Rahim, M.K., et al., Bioconjugate Chem. 2015, 26, 352-360](#)). TCO-PEG4-NHS Ester is well suited for protein and antibody labeling in aqueous buffers.

Specifications

Unit Size	25 mg, 100 mg, 1000 mg
Molecular weight	267.28
Chemical composition	C ₁₃ H ₁₇ NO ₅
CAS	1191901-33-3
Solubility	DMSO, DMF, DCM, THF, Chloroform
Purity	>95% (HPLC)
Appearance	White to slightly grey crystalline
Storage Conditions	-20°C. Desiccate

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

Shipping Conditions

Ambient temperature

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TCO-NHS Ester (equatorial)

<https://vectorlabs.com/products/tco-nhs-ester-equatorial>