

Product Data Sheet



Cyanine 3.5 NHS ester [equivalent to Cy3.5® NHS ester]

Catalog ID: 150401

Revised: 2025-01-31

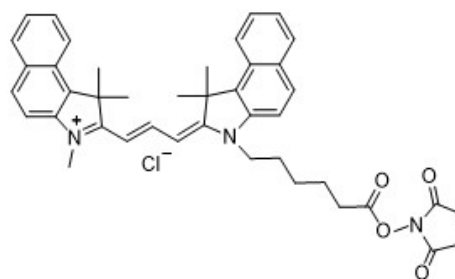
Description

Cyanine3.5 NHS ester, an analog of Cy3.5® NHS ester, is a reactive dye used for labeling amino groups in peptides, proteins, and oligonucleotides.

Cyanine3.5 NHS ester serves as a suitable replacement for NHS esters of Cy3.5® and DyLight 594.

Chemical Properties

CAS number	2231670-85-0
Formula	C ₄₂ H ₄₄ ClN ₃ O ₄
Molecular Weight	690.27
HPLC Purity	≥95%
λ _{abs} (nm)	591
ε _{max} (M ⁻¹ cm ⁻¹)	1.15×10 ⁵
λ _{fl} (nm)	604
CF ₂₆₀ =ε ₂₆₀ /ε _{max}	NA
CF ₂₈₀ =ε ₂₈₀ /ε _{max}	NA



Storage

Upon receipt, store at -20°C in the dark. Protect from light and moisture. When stored as indicated, Cyanine 3.5 NHS ester is stable for at least 1 year.

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

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