

Product Data Sheet



5-VIC NHS ester
Catalog ID: 131301

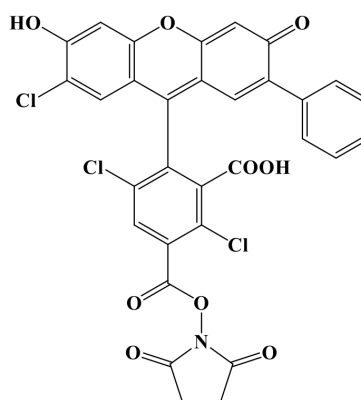
Revised: 2025-01-31

Description

VIC emits in the green-yellow region of the visible spectrum and is widely used to fluorescently label oligonucleotides at the 5'-end. This labeling is particularly valuable for applications such as real-time PCR, hybridization, and fluorescence-based genetic analysis.

Chemical Properties

CAS number	NA
Formula	C ₃₁ H ₁₆ Cl ₃ NO ₉
Molecular Weight	652.82
HPLC Purity	≥95%
λ _{abs} (nm)	526
ε _{max} (M ⁻¹ cm ⁻¹)	NA
λ _{fl} (nm)	543
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, 5-VIC 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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