

Product Data Sheet



6-NED SE

Catalog ID: 131501

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Description

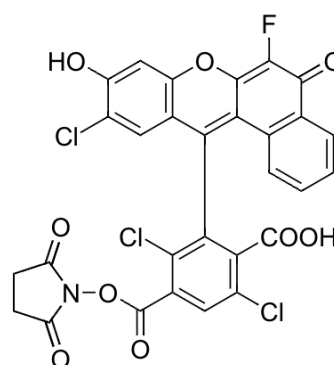
5'-labeled primer pairs consist of a fluorescently labeled oligonucleotide with a selected dye at the 5' end, paired with an unlabeled oligonucleotide. These primer pairs are versatile and can be used in various molecular biology applications.

6-NED is one of the dyes included in the well-known multicolor fluorescent oligonucleotide set, which also includes 6-FAM, 6-TET, 6-VIC, 6-HEX, and 6-PET. This set is widely used in fragment analysis, gene expression studies, genotyping, and PCR applications.

6-NED SE is a stable fluorescent probe commonly used for labeling amino-modified oligonucleotides, making it a reliable choice for fluorescence-based research and diagnostics.

Chemical Properties

CAS number	NA
Formula	C ₂₉ H ₁₃ Cl ₃ FNO ₉
Molecular Weight	644.47
HPLC Purity	≥95%
λ _{abs} (nm)	544
ε _{max} (M ⁻¹ cm ⁻¹)	7.4×10 ⁴
λ _{fl} (nm)	567
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, 6-NED SE 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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