

Product Data Sheet



Sulfo-Cyanine5.5 dUTP Catalog ID: 210028

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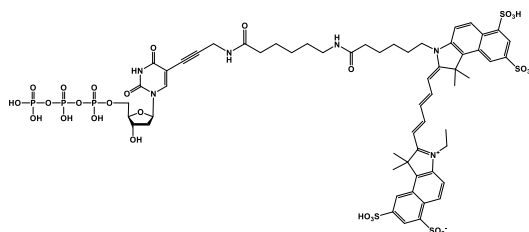
Description

Sulfo-Cyanine5.5 is a far-red emitting dye. Because nearly no biological sources of fluorescence background emit in this range, this fluorophore delivers an excellent signal-to-noise ratio.

Thanks to its extended amino-11-linker, this reagent offers a superior alternative to aminoallyl-derived triphosphates with dyes.

Chemical Properties

CAS number	NA
Formula	C ₅₉ H ₇₁ N ₆ O ₂₈ P ₃ S ₄
Molecular Weight	1533.39
HPLC Purity	≥95%
λ _{abs} (nm)	683
ε _{max} (M ⁻¹ cm ⁻¹)	2.5×10 ⁵
λ _{fl} (nm)	703
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, Sulfo-Cyanine5.5 dUTP 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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