Fluorescent Dye 581-C3.5 Amine

Catalog # U0196 Size 1 mg

Applications

Maximum Excitation/Emission wavelength: 581/596 nm

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Specification

Product Description	Cyanine 3.5 dyes have enhanced fluorescence upon binding to proteins. C3.5 Amine reacts with car bonyl groups.
Chemical Formula	$C_{45}H_{50}F_6N_4O_{17}S_4$
MW	1161.15 g/mol
Molar Extinction Coefficient	≥ 100000 $M^{-1}cm^{-1}$
Excitation (Max)	581 nm
Emission (Max)	596 nm
Solubility	DMSO, low in water
Purity	≥ 90%
Regulation Status	For research use only (RUO)
Recommend Usage	Labeling of biological molecules (e.g. peptides, proteins, oligoes) for fluorescence imaging and othe r fluorescence-based biochemical analysis.
Storage Instruction	Store in the dark at -20°C.

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Applications

- Conjugation
- *In vivo* Imaging

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