Fluorescent Dye 555-C3 Maleimide

Catalog # U0199 Size 1 mg

Applications

Maximum Excitation/Emission wavelength: 555/565 nm

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Specification

Product Description	Cyanine 3 dyes have enhanced fluorescence upon binding to proteins. C3 Maleimide reacts with thiol groups.
Chemical Formula	$C_{42}H_{50}F_3N_5O_{12}S_2$
MW	866.92 g/mol
Molar Extinction Coefficient	≥ 100000 $M^{-1}cm^{-1}$
Excitation (Max)	555 nm
Emission (Max)	565 nm
Solubility	DMSO, 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 other 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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