

Fluorescent Dye 594-I Succinimidyl Ester

Catalog # U0245 Size 1 mg

Applications

Maximum Excitation/Emission wavelength: 592/614 nm

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Specification

Product Description	Fluorescent dye that is water-soluble and forms stable peptide bond with protein amino groups. Bio molecules conjugated to Fluorescent Dye 594-I Succinimidyl Ester exhibit little spectral overlap with green-fluorescent conjugates, and can be efficiently excited by 568nm line of Ar-Kr laser and by the 594nm line of orange He-Ne laser.
Spectral Equivalent	Alexa Fluor 594, DyLight 594, Texas Red
Molar Extinction Coefficient	> 80,000 M ⁻¹ cm ⁻¹
Excitation (Max)	592 nm
Emission (Max)	614 nm
Solubility	DMSO, Water
Purity	> 90%
Regulation Status	For research use only (RUO)
Recommend Usage	Labeling of biological molecules, e.g. Antibody, Protein, for fluorescence imaging and other fluorescence-based biochemical analysis.
Storage Buffer	DMSO

Storage Instruction

Store the product in desiccated environment at -20°C and avoid from light.

Note

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- Conjugation