

Fluorescent Dye 555-C3 Azide

Catalog # U0200 Size 1 mg

Applications

Maximum Excitation/Emission wavelength: 555/565 nm

Maximum Excitation/Emission wavelength: 555/565 nm

Specification

| | |
|------------------------------|---|
| Product Description | Cyanine 3 dyes have enhanced fluorescence upon binding to proteins. C3 Azide reacts with alkyne groups. |
| Chemical Formula | $C_{35}H_{43}F_3N_6O_9S_2$ |
| MW | 812.88 g/mol |
| Molar Extinction Coefficient | $\geq 100000 \text{ M}^{-1}\text{cm}^{-1}$ |
| Excitation (Max) | 555 nm |
| Emission (Max) | 565 nm |
| Solubility | DMSO, water |
| Purity | $\geq 90\%$ |
| 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. |

Note

Maximum Excitation/Emission wavelength: 555/565 nm

Maximum Excitation/Emission wavelength: 555/565 nm

Applications

- Conjugation
- *In vivo* Imaging