

# Fluorescent Dye 649-C5 NHS Ester

Catalog # U0208

Size 1 mg

## Applications

Maximum Excitation/Emission wavelength: 649/665 nm

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## Specification

Product Description	Cyanine 5 dyes are common red fluorophores, and can tolerate a pH range of 3-10. This C5 NHS Ester reacts with amino groups.
Chemical Formula	$C_{43}H_{58}N_4O_{10}S_2$
MW	855.07 g/mol
Molar Extinction Coefficient	$\geq 100000 \text{ M}^{-1}\text{cm}^{-1}$
Excitation (Max)	649 nm
Emission (Max)	665 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**

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## Applications

- Conjugation
- *In vivo* Imaging