Fluorescent Dye 594-I Phalloidin

Catalog # U0292 Size 300 Reactions

Applications

Maximum Excitation/Emission wavelength: 592/614 nm

Maximum Excitation/Emission wavelength: 592/614 nm

Specification

Product Description	Fluorescence Dye 594-I with Phalloidin conjugate. Biomolecules conjugated to Fluorescence Dye 594-I 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)	590 nm
Emission (Max)	618 nm
Solubility	DMSO
Regulation Status	For research use only (RUO)
Recommend Usage	Labeling via Phalloidin for fluorescence imaging and other fluorescence-based biochemical analysis.
Storage Buffer	In DMSO.
Storage Instruction	Store the product in desiccated environment at -20°C and avoid from light.
Note	Maximum Excitation/Emission wavelength: 592/614 nm Maximum Excitation/Emission wavelength: 592/614 nm

Applications

- Conjugation

Publication Reference

- Silk Particle Production Based on silk/PVA Phase Separation Using a Microfabricated Co-flow Device.

  Montoya NV, Peterson R, Ornell KJ, Albrecht DR, Coburn JM.

  Molecules (Basel, Switzerland) 2020 Feb; 25(4):890.

  Application: Conjugation, Recombinant protein