

Cyanine 5.5 amine [equivalent to Cy5.5® amine]

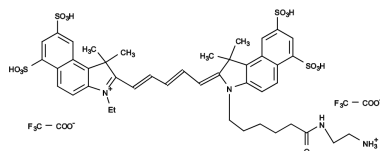
Catalog number: 176
Unit size: 1 mg

Product Details

Storage Conditions	Freeze (<-15 °C), Minimize light exposure
Expiration Date	12 months upon receiving

Chemical Properties

Appearance	Blue solid
Molecular Weight	1187.18
Soluble In	DMSO
Chemical Structure	



Spectral Properties

Excitation Wavelength	683 nm
Emission Wavelength	703 nm

Applications

A variety of cyanine 5.5 (Cy5.5®) dyes has been used to label biological molecules for fluorescence imaging and other fluorescence-based biochemical analysis. They are widely used for labeling peptides, proteins and oligos etc. Cy5.5® dyes are one type of the most common red fluorophores. Cy5.5® amine reacts with carbonyl groups. Cy5.5® is the trademark of GE Healthcare.