

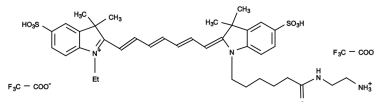
Cyanine 7 amine [equivalent to Cy7® amine]

 Catalog number: 165
 Unit size: 1 mg

Product Details

Storage Conditions	Freeze (<math><-15\text{ }^\circ\text{C}</math>), Minimize light exposure
Expiration Date	12 months upon receiving

Chemical Properties

Appearance	Green solid
Molecular Weight	952.98
Soluble In	DMSO
Chemical Structure	

Spectral Properties

Excitation Wavelength	756 nm
Emission Wavelength	779 nm

Applications

A variety of cyanine 7 (Cy7®) 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. Cy7® dye conjugates are one type of the most common near infrared red fluorophores used in in vivo imaging applications. Cy7® amine reacts with carbonyl groups. Cy7® is the trademark of GE Healthcare.