

**Cyanine 7 monosuccinimidyl ester,  
potassium salt [same as GE Cy7® NHS ester]**

 Catalog number: 290  
 Unit size: 1 mg

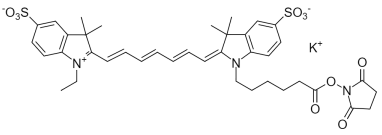
**Product Details**


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

**Chemical Properties**


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Appearance	Blue solid
Molecular Weight	818.01
Soluble In	DMSO
Chemical Structure	

**Spectral Properties**


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Excitation Wavelength	756 nm
Emission Wavelength	779 nm

**Applications**


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This Cy7® dye is the same molecule to GE's monoreactive Cy7® NHS ester. It readily reacts with amino groups. Our Cy7® Fluors are thoroughly QC tested to ensure high levels of chromophore and reactive dye content. 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® is the trademark of GE Healthcare.