

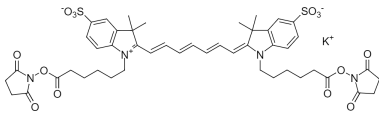
Cyanine 7 bissuccinimidyl ester, potassium salt [same as GE Cy7® bisNHS ester]

 Catalog number: 295
 Unit size: 1 mg

Product Details

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

Chemical Properties

Appearance	Deep green solid
Molecular Weight	1001.17
Soluble In	DMSO
Chemical Structure	

Spectral Properties

Excitation Wavelength	756 nm
Emission Wavelength	779 nm

Applications

This Cy7® dye is the same molecule to GE's Cy7® bisNHS ester. It readily reacts with amino groups. It has two NHS groups that might give brighter signal on some proteins than the Cy7 mono NHS ester (#161 and #290). 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® NHS ester readily reacts with amino groups. Cy7® is the trademark of GE Healthcare.