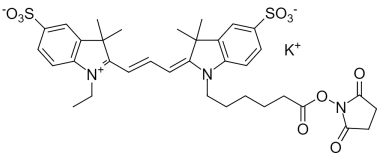


**Cyanine 3 monosuccinimidyl ester,
potassium salt [same as GE Cy3® NHS ester]**Catalog number: 271
Unit size: 1 mg**Product Details**

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

Chemical Properties

Appearance	Red solid
Molecular Weight	765.93
Soluble In	DMSO
Chemical Structure	

Spectral Properties

Excitation Wavelength	555 nm
Emission Wavelength	569 nm

Applications

This Cy3® dye is the same molecule to GE's Cy3® NHS ester. Cy3® NHS ester readily reacts with amino groups. A variety of cyanine 3 (Cy3®) 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. Cy3® dyes have enhanced fluorescence upon binding to proteins. Cy3® is the trademark of GE Healthcare.