

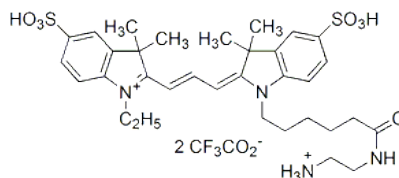
Product Information Sheet

Ordering Information

Product Number: 145
Product Name: Cyanine 3 amine [equivalent to Cy3® amine]
Unit Size: 1 mg
Storage Conditions: <-15 °C and kept from light and moisture
Expiration Date: 12 months upon receiving

Chemical, Physical and Spectral Properties

Molecular Weight: 900.90
Appearance: Red solid
Chemical Structure:



Soluble in: DMSO
Excitation Wavelength: 555 nm
Emission Wavelength: 565 nm

Application Notes

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® amine reacts with carbonyl groups. Cy3® is the trademark of GE Healthcare.