

Product Information Sheet

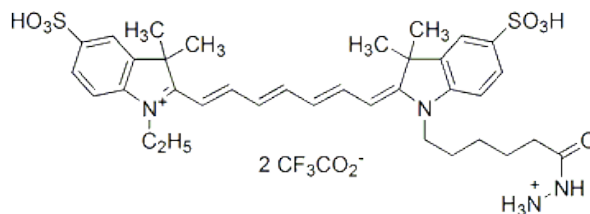
Ordering Information

Product Number:	166
Product Name:	Cyanine 7 hydrazide [equivalent to Cy7® hydrazide]
Unit Size:	1 mg
Storage Conditions:	<-15 °C and kept from light and moisture
Expiration Date:	12 months upon receiving

Chemical and Spectral Properties

Molecular Weight: 924.92

Chemical Structure:



Soluble in: DMSO

Excitation Wavelength: 749 nm

Emission Wavelength: 776 nm

Application Notes

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® hydrazide reacts with carbonyl groups. Cy7® is the trademark of GE Healthcare.