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## Product Information Sheet

### Ordering Information

Product Number: 942  
Product Name: Cy3B maleimide  
Unit Size: 1 mg  
Storage Conditions: Freeze (<-15 °C), Minimize light exposure  
Expiration Date: 12 months upon receiving

### Chemical and Spectral Properties

Appearance: Solid  
Molecular Weight: 682.79  
Soluble In: DMSO  
Excitation Wavelength: N/A  
Emission Wavelength: N/A

### Application Notes

Cy3® dye is one of the most common cyanine dyes used for labeling proteins, nucleic acids and other biological molecules. A variety of 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 is the least fluorescent dyes among all the Cy dyes. Cy3B is an improved version of Cy3 dyes with significantly increased fluorescence quantum yield and photostability. Cy3® is the trademark of GE Healthcare.