

## Product Information Sheet

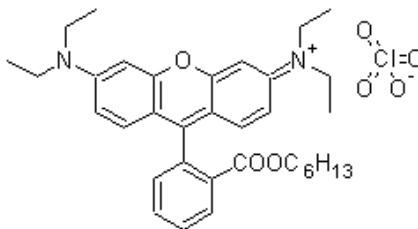
### Ordering Information

Product Number: 22211  
Product Name: Rhodamine B, hexyl ester, perchlorate  
Unit Size: 10 mg  
Storage Conditions: <-15 °C and kept from light and moisture  
Expiration Date: 12 months upon receiving

### Chemical and Spectral Properties

Molecular Weight: 627.17

Chemical Structure:



Soluble in: DMSO  
Excitation Wavelength: 556 nm  
Emission Wavelength: 578 nm

### Application Notes

Positively charged rhodamine dyes (such as rhodamine esters and rosamines) are selectively localized in mitochondria, thus they are widely used for labeling mitochondria of live cells. This particular rhodamine ester stains mitochondria orange in fluorescence. Its spectral properties are similar to those of TRITC, making the use of Rhodamine B hexyl ester quite convenient.