

Rhodamine B, hexyl ester, perchlorate

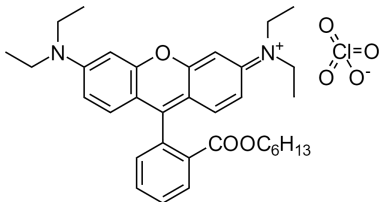
Catalog number: 22211

Unit size: 10 mg

Product Details

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

Chemical Properties

Appearance	Red solid
Molecular Weight	627.17
Soluble In	DMSO
Chemical Structure	

Spectral Properties

Excitation Wavelength	546 nm
Emission Wavelength	568 nm

Applications

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.