

## Product Information Sheet

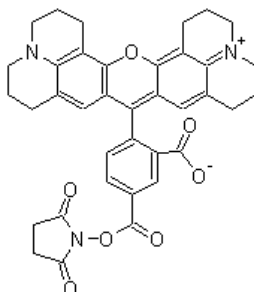
### Ordering Information

Product Number:	391
Product Name:	5-ROX, SE [5-Carboxy-X-rhodamine, succinimidyl ester]
Unit Size:	100 mg
Storage Conditions:	<-15 °C and kept from light and moisture
Expiration Date:	12 months upon receiving

### Chemical and Spectral Properties

Molecular Weight: 631.67

Chemical Structure:



Soluble in:	DMSO
Excitation Wavelength:	573 nm
Emission Wavelength:	602 nm

### Application Notes

Single isomers of ROX are increasingly preferred for labeling peptides and nucleotides because they give better resolution in HPLC purifications that are often required in bioconjugations. Variable ratios of the 5- and 6-isomers often cause complications in the interpretation of labeling results and assay performances. 5-ROX is predominantly used to label peptides and proteins. Compared to other rhodamines, ROX is very unstable. Cautions must be exercised to prevent the deterioration during storage.