

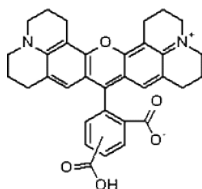
Product Information Sheet

Ordering Information

Product Number:	380
Product Name:	5(6)-ROX [5-(and 6)-Carboxy-X-rhodamine] *Mixed isomers*
Size:	100 mg
Storage Conditions:	<-15 °C and kept from light and moisture
Expiration Date:	12 months upon receiving

Chemical, Physical and Spectral Properties

Molecular Weight:	534.60
Appearance:	Dark red solid
Chemical Structure:	



Soluble in:	DMSO
Excitation Wavelength:	568 nm
Emission Wavelength:	591 nm

Application Notes

ROX dyes are strongly red fluorescent. They have longer excitation and emission wavelengths than the 'conventional' rhodamines. These dyes are used to label peptides, proteins, and other biological ligands. 5-ROX, 6-ROX and their mixture 5(6)-ROX are used to label biomolecules by EDC-mediated reactions. Compared to other rhodamines, ROX is very unstable. Cautions must be exercised to prevent the deterioration during storage.