

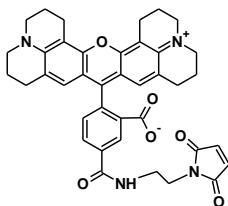
Product Information Sheet

Ordering Information

Product Number:	426
Product Name:	6-ROX C2 Maleimide
Unit Size:	1 mg
Storage Conditions:	<-15 °C and kept from light and moisture
Expiration Date:	12 months upon receiving

Chemical, Physical and Spectral Properties

Molecular Weight:	656.73
Appearance:	Purple solid
Chemical Structure:	



Soluble in:	DMSO
Excitation Wavelength:	575 nm
Emission Wavelength:	602 nm

Application Notes

6-ROX C2 maleimide is an excellent thiol-reactive ROX probe that can be used to develop new ROX bioconjugates. It selectively reacts with thiol groups of peptides, proteins and other biological molecules (such as thiol-modified oligonucleotides and small thiol-containing organic molecules). 6-ROX C2 maleimide has the spectral properties identical to those of 6-ROX conjugates, thus all the instrument settings of the 6-ROX probes would be applicable to the applications of 6-ROX C2 maleimide conjugates. Compared to the commonly used 6-ROX acid and 6-ROX SE, 6-ROX C2 maleimide is much more stable.