

5(6)-CR6G [5-(and 6)-Carboxyrhodamine 6G]

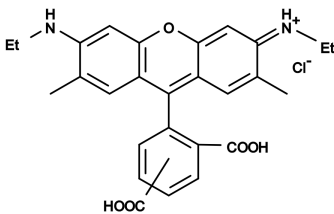
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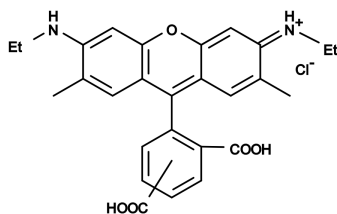
Unit size: 25 mg

Product Details

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

Chemical Properties

Appearance	Brown-red solid
Molecular Weight	494.97
Soluble In	DMSO
Chemical Structure	


Spectral Properties

Excitation Wavelength	522 nm
Emission Wavelength	546 nm

Applications

In general, rhodamine 6G conjugates have higher fluorescence quantum yields than tetramethylrhodamine conjugates, as well as good photostability. 5(6)-CR6G is the mixture of two carboxy rhodamine 6G isomers. It is used to modify amino and hydroxy groups using EDC-mediated couplings when there are difficulties in using 5(6)-CR6G, SE. The excitation and emission wavelengths of rhodamine 6G fall between those of fluorescein and tetramethylrhodamine derivatives, making 5(6)-CR6G another color choice for the multicolor fluorescence imaging applications.