

Product Information

5(6)-Carboxyrhodamine 110-C6-Maleimide

Catalog Number: 91029

Unit Size: 5 mg

Storage and Handling

Store at -20°C desiccated and protected from light. Product is stable for at least 12 months from date of receipt when stored as recommended.

Stock solutions may be prepared in DMSO. Solutions can be aliquoted and stored with desiccant and protected from light at -20°C, for up to 12 months.

Molecular Information: C₃₁H₂₈N₄O₆

Molecular Weight: 552.59

Color and Form: Orange red solid

Solubility: Soluble in DMF or DMSO

Absorption/Emission: 502/524 nm (MeOH)

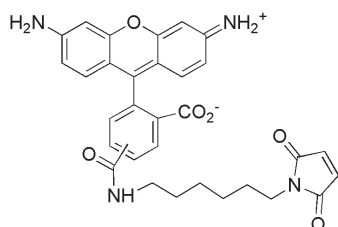


Figure 1. 5(6)-Carboxyrhodamine 110-C6-maleimide, 5 and 6 isomers

Product Description

5(6)-Carboxyrhodamine 110-C6-maleimide is a maleimide derivative of the green fluorescent dye carboxyrhodamine 110. The dye has spectral properties similar to those of fluorescein (fluorescein-5-maleimide, for example), but the photostability of the dye is among the best of all green fluorescent dyes. Thus, the dye is a superior green fluorescent dye for labeling thiols.

Related Products

Catalog number	Product
90082	DMSO, Anhydrous, 10 mL
92001	TAMRA Cadaverine (mixed isomers)
91055	ROX Maleimide, 5 and 6 isomers
90098	ROX, SE, 6 isomer in DMSO
90121	6-ROX Cadaverine
90108	5(6)-ROX Cadaverine, mixed isomer
90104	Aminoxy-5(6)-ROX
91037	MTS-ROX, mixed isomers
90116	4-Sulforhodamine 101 Cadaverine, Trifluoroacetate Salt
92020...96079	CF® Dye Maleimide
59002	EDC (EDAC), 100 mg

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