

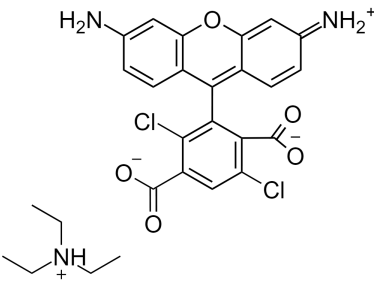
6-dR110 [6-Carboxy-4,7-dichlororhodamine 110]

Catalog number: 316
Unit size: 25 mg

Product Details

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

Chemical Properties

Appearance	Dark purple solid
Molecular Weight	544.43
Soluble In	DMSO
Chemical Structure	

Applications

Compared to fluorescein labeling reagents such as FITC and FAM, 6-dR110 [6-carboxy-4,7-dichlororhodamine 110] reagents give more photostable and pH-independent bioconjugates that have the absorption maximum around the preferred 488 nm excitation wavelength. They are photostable alternative reagents superior to FITC and FAM. 5-carboxy-4,7-dichlororhodamine 110 is one of the four critical 4,7-dichlororhodamine dyes used as the BigDye terminators for DNA sequencing in combination with d6G, dTMR and dROX. ABI PRISM® BigDye™ Terminator Cycle Sequencing is the classic method for DNA sequencing.