

5(6)-ROX [5-(and 6)-Carboxy-X-rhodamine] *Mixed isomers*

Chemical Properties

CAS No.:	TD0067
Formula:	C33H30N2O5
Molecular Weight:	534.6
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	ROX dyes have a strong red fluorescence. Their excitation and emission wavelengths are longer than those of traditional rhodamine dyes. They are used as labels for peptides, proteins, and other biological ligands. 5-ROX, 6-ROX, and their mixture of 5(6) -RoX, were labeled as biomolecules by EDC-mediated conjugation.
In vitro	5 (6) - Rox is a fluorescent nucleic acid label, which can be used as a reference dye for real-time PCR.

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.871 mL	9.353 mL	18.706 mL
5 mM	0.374 mL	1.871 mL	3.741 mL
10 mM	0.187 mL	0.935 mL	1.871 mL
50 mM	0.037 mL	0.187 mL	0.374 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Inhibitors · Natural Compounds · Compound Libraries

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