

5(6)-ROX, SE [5-(and-6)-Carboxy-X-rhodamine, succinimidyl ester] *Mixed isomers*

Chemical Properties

CAS No.:	114616-32-9
Formula:	C ₃₃ H ₃₀ N ₂ O ₅
Molecular Weight:	631.67
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	5(6)-ROX, SE is an amine-reactive fluorescent probe that is widely used for oligonucleotide labeling and automated DNA sequencing applications.
In vitro	5(6)-ROX, SE is the mixed isomers of ROX dye. The ratio of 5-isomer/6-isomer is in the range 1/3 to 1/6. This product is the primary labeling reagents for the preparation of various ROX-based bioconjugates. Compared to other rhodamines, ROX is unstable.

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	1.583 mL	7.916 mL	15.831 mL
5 mM	0.317 mL	1.583 mL	3.166 mL
10 mM	0.158 mL	0.792 mL	1.583 mL
50 mM	0.032 mL	0.158 mL	0.317 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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