

5(6)-ROX N-succinimidyl ester

Chemical Properties

CAS No. :	114616-32-9
Formula:	C33H30N2O5
Molecular Weight:	631.67
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

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.
Targets(IC50)	Others
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.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5831 mL	7.9155 mL	15.8311 mL
5 mM	0.3166 mL	1.5831 mL	3.1662 mL
10 mM	0.1583 mL	0.7916 mL	1.5831 mL
50 mM	0.0317 mL	0.1583 mL	0.3166 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481