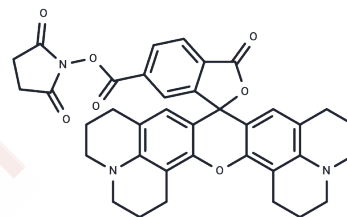


ROX NHS ester, 6-isomer

Chemical Properties

CAS No. : 117491-83-5
 Formula: C₃₇H₃₃N₃O₇
 Molecular Weight: 631.67
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	ROX NHS ester, 6-isomer, is a highly fluorescent and photostable rhodamine dye used for labeling amino groups in peptides, proteins, and amino-oligonucleotides. ROX-labeled oligonucleotide probes are commonly used in qPCR, and qPCR instruments have a ROX channel. [Pure single isomer.]
Targets(IC50)	Others

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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