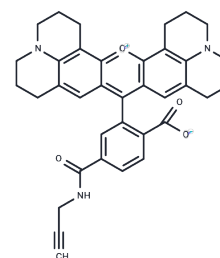


ROX alkyne, 6-isomer

Chemical Properties

CAS No. :	2097422-22-3
Formula:	C ₃₆ H ₃₃ N ₃ O ₄
Molecular Weight:	571.665
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	ROX alkyne, 6-isomer is an alkyne derivative of the bright red fluorescent dye ROX (Rhodamine X, Rhodamine 101). With a quantum yield close to 1, ROX is commonly used in qPCR and microscopy applications. ROX alkyne, 6-isomer is employed for the fluorescent labeling of azide-containing biomolecules through copper-catalyzed click reactions.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7493 mL	8.7463 mL	17.4926 mL
5 mM	0.3499 mL	1.7493 mL	3.4985 mL
10 mM	0.1749 mL	0.8746 mL	1.7493 mL
50 mM	0.035 mL	0.1749 mL	0.3499 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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