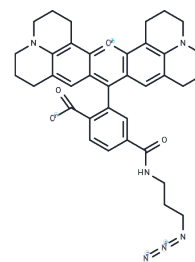


## ROX azide, 6-isomer

## Chemical Properties

CAS No. :	1422178-12-8
Formula:	C <sub>36</sub> H <sub>36</sub> N <sub>6</sub> O <sub>4</sub>
Molecular Weight:	616.709
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 azide, 6-isomer, is an alkyne-reactive derivative of ROX (Rhodamine X, Rhodamine 101) dye. ROX is a red fluorophore known for its high brightness and fluorescence quantum yield. The reagent is the pure 6-isomer and is utilized for labeling alkynyl and cycloalkyne-containing biomolecules through copper-catalyzed and copper-free click chemistry reactions.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6215 mL	8.1075 mL	16.2151 mL
5 mM	0.3243 mL	1.6215 mL	3.243 mL
10 mM	0.1622 mL	0.8108 mL	1.6215 mL
50 mM	0.0324 mL	0.1622 mL	0.3243 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