

Coumarin-PEG2-TCO

Chemical Properties

CAS No. : 2488174-19-0

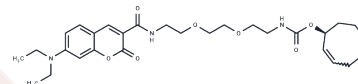
Formula: C₂₉H₄₁N₃O₇

Molecular Weight: 543.65

Keep away from direct sunlight

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	Coumarin-PEG2-TCO is a derivative of the coumarin dye containing two polyethylene glycol (PEG) units. This compound leverages its trans-cyclooctene (TCO) moiety to undergo an inverse electron-demand Diels-Alder reaction (IEDDA) with molecules possessing a tetrazine group.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8394 mL	9.1971 mL	18.3942 mL
5 mM	0.3679 mL	1.8394 mL	3.6788 mL
10 mM	0.1839 mL	0.9197 mL	1.8394 mL
50 mM	0.0368 mL	0.1839 mL	0.3679 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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Tel: 781-999-4286

E_mail: info@targetmol.com

Address: 34 Washington Street, Wellesley Hills, MA 02481