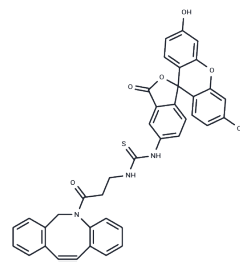


Fluorescein-DBCO

Chemical Properties

CAS No. :	2054339-00-1
Formula:	C39H27N3O6S
Molecular Weight:	665.71
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	Fluorescein-DBCO is a non-cleavable antibody-drug conjugate linker and click-chemistry reagent that incorporates a strained DBCO moiety capable of undergoing strain-promoted alkyne-azide cycloaddition with azide-containing molecules, enabling efficient, copper-free bioconjugation for ADC synthesis, fluorescent labeling, and targeted biomolecule conjugation.
Targets(IC50)	ADC Linker
In vitro	ADCs consist of an antibody linked to an ADC cytotoxin via an ADC linker[1].

Solubility Information

Solubility	DMSO: 80 mg/mL (120.17 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5022 mL	7.5108 mL	15.0216 mL
5 mM	0.3004 mL	1.5022 mL	3.0043 mL
10 mM	0.1502 mL	0.7511 mL	1.5022 mL
50 mM	0.030 mL	0.1502 mL	0.3004 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.

Reference

Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. Nat Rev Drug Discov. 2017 May;16(5):315-337.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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