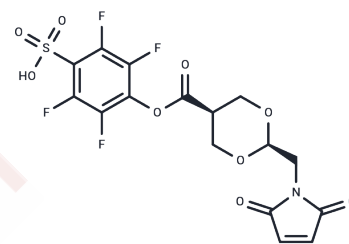


MDTF free acid

Chemical Properties

CAS No. :	2102021-49-6
Formula:	C16H11F4NO9S
Molecular Weight:	469.32
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	MDTF free acid serves as a non-cleavable ADC linker, utilized in the synthesis of antibody-drug conjugates (ADCs) [1].
Targets(IC50)	ADC Linker
In vitro	MDTF free acid (50 µM) enhances hydrophilic properties by substituting a cyclohexyl ring, and a MD-based FRET probe incubated in human plasma demonstrates a significantly higher self-stabilization rate than the MCC-based probe [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1307 mL	10.6537 mL	21.3074 mL
5 mM	0.4261 mL	2.1307 mL	4.2615 mL
10 mM	0.2131 mL	1.0654 mL	2.1307 mL
50 mM	0.0426 mL	0.2131 mL	0.4261 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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