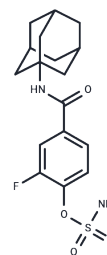


Adam-20-S

Chemical Properties

CAS No. :	2413880-52-9
Formula:	C17H21FN2O4S
Molecular Weight:	368.42
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	Adam-20-S is a potent inhibitor of glucosinolate sulfatase, with an IC50 of 9.04 µg/mL. This compound disrupts glucosinolate metabolism, enhancing the production of toxic isothiocyanates in <i>P. xylostella</i> [1].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7143 mL	13.5715 mL	27.1429 mL
5 mM	0.5429 mL	2.7143 mL	5.4286 mL
10 mM	0.2714 mL	1.3571 mL	2.7143 mL
50 mM	0.0543 mL	0.2714 mL	0.5429 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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