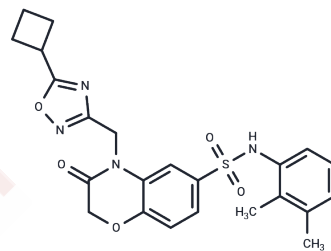


Beclin1-ATG14L interaction inhibitor 1

Chemical Properties

CAS No. :	1243063-73-1
Formula:	C ₂₃ H ₂₄ N ₄ O ₅ S
Molecular Weight:	468.53
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	Beclin1-ATG14L Interaction Inhibitor 1 (COM 19) is a selective inhibitor targeting the specific interaction between Beclin1 and ATG14L. It impedes the formation of complex I in the lipid kinase VPS34, thus inhibiting autophagy, while leaving complex II intact, which relies on the Beclin 1-UVRAG interaction for its integrity and is essential for vesicle transport [1].
Targets(IC50)	Autophagy

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1343 mL	10.6717 mL	21.3434 mL
5 mM	0.4269 mL	2.1343 mL	4.2687 mL
10 mM	0.2134 mL	1.0672 mL	2.1343 mL
50 mM	0.0427 mL	0.2134 mL	0.4269 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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