

Cyano-myrcrylamide

Chemical Properties

CAS No. :	2801702-34-9
Formula:	C19H34N2O
Molecular Weight:	306.49
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	Cyano-myrcrylamide is an inhibitor of zinc finger DHHC domain-containing palmitoyltransferase 20 (zDHHC20) with an IC50 value of 1.35 μ M. It also inhibits the S-palmitoylation of EGFR and CD36. In HEK293T cells expressing recombinant E. coli GobX, recombinant human MyD88, or endogenous Ras, Cyano-myrcrylamide inhibits the S-palmitoylation of E. coli E3 ligase GobX, MyD88, and Ras, which are substrates of zDHHC20, zDHHC9, and zDHHC6.
Targets(IC50)	Acyltransferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2627 mL	16.3137 mL	32.6275 mL
5 mM	0.6525 mL	3.2627 mL	6.5255 mL
10 mM	0.3263 mL	1.6314 mL	3.2627 mL
50 mM	0.0653 mL	0.3263 mL	0.6525 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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