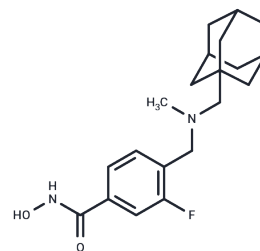


Bavarostat

Chemical Properties

CAS No. :	2134109-20-7
Formula:	C ₂₀ H ₂₇ FN ₂ O ₂
Molecular Weight:	346.44
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	Bavarostata is a highly brain penetrant HDAC6 inhibitor (IC ₅₀ =60nM). Bavarostat exhibits excellent HDAC6 selectivity (>80-fold over all other Zn-containing HDAC paralogues), modulates tubulin acetylation selectively over histone acetylation, and has excellent brain penetrance.
Targets(IC ₅₀)	Others, Microtubule Associated, HDAC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8865 mL	14.4325 mL	28.865 mL
5 mM	0.5773 mL	2.8865 mL	5.773 mL
10 mM	0.2887 mL	1.4433 mL	2.8865 mL
50 mM	0.0577 mL	0.2887 mL	0.5773 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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