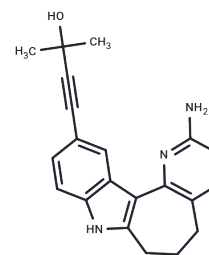


AMG28

Chemical Properties

CAS No. :	1202764-07-5
Formula:	C ₂₀ H ₂₀ N ₄ O
Molecular Weight:	332.399
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	AMG28 is an inhibitor of Tau tubulin kinase 1 (TTBK1) and TTBK2, with IC ₅₀ values of 805 nM and 988 nM, respectively. Additionally, AMG28 suppresses the phosphorylation of tau protein at the Ser422 site, with an IC ₅₀ of 1.85 μM.
Targets(IC ₅₀)	Microtubule Associated

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0084 mL	15.0421 mL	30.0842 mL
5 mM	0.6017 mL	3.0084 mL	6.0168 mL
10 mM	0.3008 mL	1.5042 mL	3.0084 mL
50 mM	0.0602 mL	0.3008 mL	0.6017 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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