

TTBK1/2-IN-1

Chemical Properties

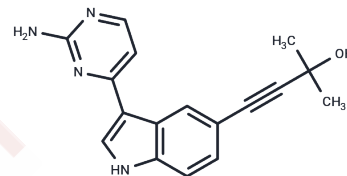
CAS No. : 2342571-09-7

Formula: C₁₇H₁₆N₄O

Molecular Weight: 292.335

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	TTBK1/2-IN-1 (compound 3) is a potent inhibitor of Tau tubulin kinase 1 (TTBK1) and TTBK2, with IC ₅₀ values of 816 nM and 384 nM, respectively.
Targets(IC ₅₀)	Microtubule Associated

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4207 mL	17.1034 mL	34.2067 mL
5 mM	0.6841 mL	3.4207 mL	6.8413 mL
10 mM	0.3421 mL	1.7103 mL	3.4207 mL
50 mM	0.0684 mL	0.3421 mL	0.6841 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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