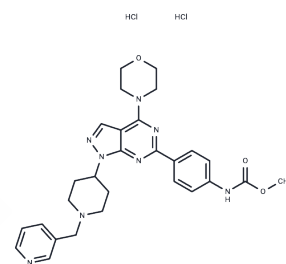


WYE-687 dihydrochloride

Chemical Properties

CAS No. :	1702364-87-1
Formula:	C ₂₈ H ₃₄ Cl ₂ N ₈ O ₃
Molecular Weight:	601.53
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	WYE-687 dihydrochloride is an ATP-competitive inhibitor of mTOR, demonstrating potent activity with an IC ₅₀ value of 7 nM. It effectively suppresses the activation of both mTORC1 and mTORC2. Additionally, WYE-687 exhibits inhibitory effects on PI3K α and PI3K γ , with IC ₅₀ values of 81 nM and 3.11 μ M, respectively.
Targets(IC ₅₀)	Others,mTOR,PI3K

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6624 mL	8.3121 mL	16.6243 mL
5 mM	0.3325 mL	1.6624 mL	3.3249 mL
10 mM	0.1662 mL	0.8312 mL	1.6624 mL
50 mM	0.0332 mL	0.1662 mL	0.3325 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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