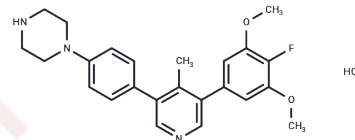


M4K2163 dihydrochloride

Chemical Properties

CAS No. :	2863635-04-3
Formula:	C ₂₄ H ₂₈ Cl ₂ FN ₃ O ₂
Molecular Weight:	480.4
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	M4K2163 dihydrochloride, a potent and selective activin receptor-like kinase-2 (ALK2) inhibitor that is permeable to the blood-brain barrier (BBB), has an IC ₅₀ of 19 nM. This compound is useful in diffuse intrinsic pontine glioma (DIPG) research [1] [2].
Targets(IC ₅₀)	Others,TGF-beta/Smad

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0816 mL	10.408 mL	20.816 mL
5 mM	0.4163 mL	2.0816 mL	4.1632 mL
10 mM	0.2082 mL	1.0408 mL	2.0816 mL
50 mM	0.0416 mL	0.2082 mL	0.4163 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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