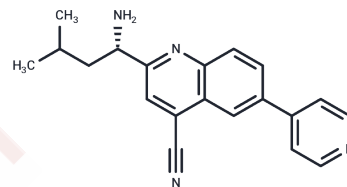


AAK1-IN-2

Chemical Properties

CAS No. : 1802703-21-4
 Formula: C₂₀H₂₀N₄
 Molecular Weight: 316.4
 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	AAK1-IN-2 (compound (S)-31) is a potent, selective, and brain-penetrant Adaptor Protein 2-Associated Kinase 1 (AAK1) inhibitor (IC ₅₀ = 5.8 nM) used in neuropathic pain research [1].
Targets(IC ₅₀)	Others,AAK1 (AP2 associated kinase 1)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1606 mL	15.8028 mL	31.6056 mL
5 mM	0.6321 mL	3.1606 mL	6.3211 mL
10 mM	0.3161 mL	1.5803 mL	3.1606 mL
50 mM	0.0632 mL	0.3161 mL	0.6321 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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