

DYRKs-IN-1 hydrochloride

Chemical Properties

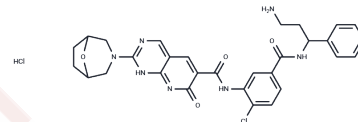
CAS No. : 1386980-55-7

Formula: C₃₀H₃₁Cl₂N₇O₄

Molecular Weight: 624.52

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	DYRKs-IN-1 hydrochloride is a potent inhibitor of Dual-specificity tyrosine-phosphorylation-regulated kinases (DYRKs), with IC ₅₀ values of 5 nM for DYRK1A and 8 nM for DYRK1B, and exhibits antitumor activity.
Targets(IC ₅₀)	Others,DYRK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6012 mL	8.0061 mL	16.0123 mL
5 mM	0.3202 mL	1.6012 mL	3.2025 mL
10 mM	0.1601 mL	0.8006 mL	1.6012 mL
50 mM	0.032 mL	0.1601 mL	0.3202 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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