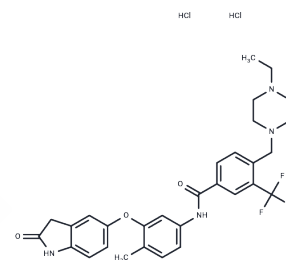


DDR1-IN-1 dihydrochloride

Chemical Properties

CAS No. :	1780303-76-5
Formula:	C ₃₀ H ₃₃ Cl ₂ F ₃ N ₄ O ₃
Molecular Weight:	625.51
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	DDR1-IN-1 dihydrochloride is a selective and potent inhibitor of the DDR1 receptor tyrosine kinase, exhibiting an IC ₅₀ of 105 nM, and it demonstrates fourfold reduced potency against DDR2, with an IC ₅₀ of 413 nM.
Targets(IC ₅₀)	Discoidin Domain Receptor (DDR),Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5987 mL	7.9935 mL	15.987 mL
5 mM	0.3197 mL	1.5987 mL	3.1974 mL
10 mM	0.1599 mL	0.7993 mL	1.5987 mL
50 mM	0.032 mL	0.1599 mL	0.3197 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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