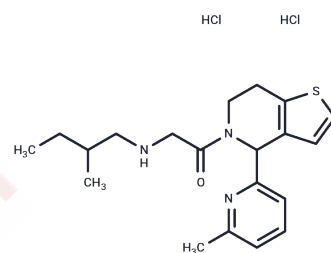


RUSKI-201 dihydrochloride

Chemical Properties

CAS No. :	2320262-09-5
Formula:	C ₂₀ H ₂₉ Cl ₂ N ₃ O ₅
Molecular Weight:	430.43
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	RUSKI-201 dihydrochloride is a potent and specific inhibitor of Hedgehog acyltransferase (Hhat) (IC ₅₀ : 0.20 μM). It blocks Hh signaling in Shh-overexpressing cells and inhibits Hh palmitoylation. RUSKI-201 dihydrochloride is a promising Hhat chemical probe for studying Hhat catalytic function.
Targets(IC ₅₀)	Others,Hedgehog/Smoothened

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3233 mL	11.6163 mL	23.2326 mL
5 mM	0.4647 mL	2.3233 mL	4.6465 mL
10 mM	0.2323 mL	1.1616 mL	2.3233 mL
50 mM	0.0465 mL	0.2323 mL	0.4647 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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