

RUSKI-201

## Chemical Properties

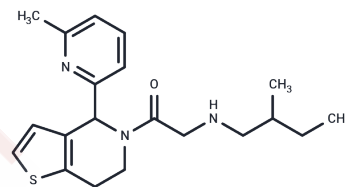
CAS No. : 1458031-48-5

Formula: C<sub>20</sub>H<sub>27</sub>N<sub>3</sub>O<sub>5</sub>

Molecular Weight: 357.51

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	RUSKI-201 is the first selective Hedgehog acyltransferase (Hhat) chemical probe in cells.
Targets(IC50)	Others,Hedgehog/Smoothened

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7971 mL	13.9856 mL	27.9712 mL
5 mM	0.5594 mL	2.7971 mL	5.5942 mL
10 mM	0.2797 mL	1.3986 mL	2.7971 mL
50 mM	0.0559 mL	0.2797 mL	0.5594 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.

## Reference

Rodgers UR, Lanyon-Hogg T, Masumoto N, Ritzefeld M, Burke R, Blagg J, Magee AI, Tate EW. Characterization of Hedgehog Acyltransferase Inhibitors Identifies a Small Molecule Probe for Hedgehog Signaling by Cancer Cells. ACS Chem Biol. 2016 Dec 16;11(12):3256-3262. Epub 2016 Oct 25. PubMed PMID: 27779865; PubMed Central PMCID: PMC5349656.

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