

SJ11646

## Chemical Properties

CAS No. : 2933135-82-9

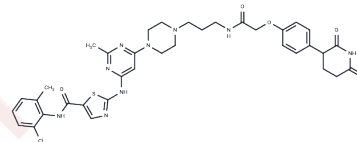
Formula: C<sub>36</sub>H<sub>40</sub>ClN<sub>9</sub>O<sub>5</sub>S

Molecular Weight: 746.28

Keep away from direct sunlight

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	SJ11646 is a Dasatinib-based LCK PROTAC degrader with a DC50 of 0.00838 pM. It exhibits potent cytotoxicity against LCK-activated T-cell acute lymphoblastic leukemia (T-ALL) cells and primary leukemia samples, significantly prolongs LCK signal inhibition, and induces apoptosis in T-ALL cells. SJ11646 binds with high affinity to 51 human kinases, particularly ABL1, KIT, and DDR1. In mouse models of T-ALL, SJ11646 demonstrates exceptional anti-leukemic efficacy.
Targets(IC50)	Apoptosis, Discoidin Domain Receptor (DDR), Bcr-Abl, PROTACs, Src

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.340 mL	6.6999 mL	13.3998 mL
5 mM	0.268 mL	1.340 mL	2.680 mL
10 mM	0.134 mL	0.670 mL	1.340 mL
50 mM	0.0268 mL	0.134 mL	0.268 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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