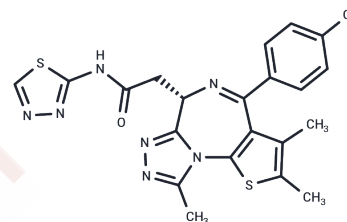


SJ1461

Chemical Properties

CAS No. : 2924546-70-1
 Formula: C₂₁H₁₈ClN₇O₂
 Molecular Weight: 484
 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	SJ1461 is a potent, orally active inhibitor of the BET family, selectively targeting and inhibiting BRD2 (BD1), BRD2 (BD2), BRD4 (BD1), and BRD4 (BD2) with respective IC ₅₀ values of 1.6 nM, 0.1 nM, 6.5 nM, and 0.2 nM [1].
Targets(IC ₅₀)	Epigenetic Reader Domain
In vitro	SJ1461 inhibits the growth of cancer cells in MV4-11, NALM-16, MOLM-13, HDMB03, and D283 lines, with respective IC ₅₀ values of 20 nM, 3.6 nM, 10.2 nM, 6.6 nM, and 56.2 nM [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0661 mL	10.3306 mL	20.6612 mL
5 mM	0.4132 mL	2.0661 mL	4.1322 mL
10 mM	0.2066 mL	1.0331 mL	2.0661 mL
50 mM	0.0413 mL	0.2066 mL	0.4132 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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