

SJ1008030 TFA

Chemical Properties

CAS No. :

Formula: C44H44F3N13O9S

Molecular Weight: 987.96

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	SJ1008030 (compound 8) TFA is a selective JAK2-degrading PROTAC that inhibits the growth of MHH-CALL-4 leukemia cells with an IC50 of 5.4 nM, demonstrating its potential for leukemia research [1].
Targets(IC50)	JAK,PROTACs
In vitro	SJ1008030 (compound 8) exhibited activity in CRLF2r cell line (MHH-CALL-4) with an IC50 of 5.4 nM after 72-hour treatment with TFA [1]. Dose-dependent degradation of JAK, GSPT1, and IKZF1 was observed in MHH-CALL-4 cells treated with SJ1008030 (0-4.3 μM; 72 hours) TFA [1]. Additionally, SJ1008030 (0-10 μM; 24h) TFA dose-dependently degraded JAK2 and GSPT1 proteins in xenografted bone marrow cells SJBALL021415, indicating inhibition of the JAK-STAT signaling pathway [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0122 mL	5.0609 mL	10.1219 mL
5 mM	0.2024 mL	1.0122 mL	2.0244 mL
10 mM	0.1012 mL	0.5061 mL	1.0122 mL
50 mM	0.0202 mL	0.1012 mL	0.2024 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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