

SJ1008030 formic

## Chemical Properties

CAS No. :

Formula: C43H45N13O9S

Molecular Weight: 919.96

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) formic is a selective JAK2 degrader from the PROTAC class, exhibiting efficacy in inhibiting MHH-CALL-4 leukemia cell growth with an IC50 of 5.4 nM, and is potentially applicable for leukemia research [1].
Targets(IC50)	JAK,PROTACs
In vitro	SJ1008030 (compound 8) demonstrated activity in the CRLF2r cell line (MHH-CALL-4), with an IC50 of 5.4 nM after 72 hours (formic) [1]. SJ1008030 treatment at concentrations ranging from 0-4.3 $\mu$ M for 72 hours (formic) led to dose-dependent degradation of JAK, GSPT1, and IKZF1 proteins in MHH-CALL-4 cells [1]. Additionally, at concentrations of 0-10 $\mu$ M over 24 hours (formic), SJ1008030 induced dose-dependent degradation of 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	1.087 mL	5.435 mL	10.870 mL
5 mM	0.2174 mL	1.087 mL	2.174 mL
10 mM	0.1087 mL	0.5435 mL	1.087 mL
50 mM	0.0217 mL	0.1087 mL	0.2174 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.

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