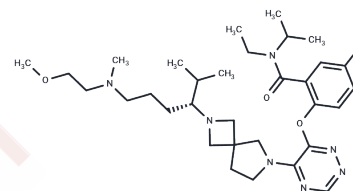


Bleximenib

Chemical Properties

CAS No. :	2654081-35-1
Formula:	C32H50FN7O3
Molecular Weight:	599.8
Storage:	High Volatility Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Bleximenib (JNJ-75276617) oxalate is an orally active and highly selective menin-KMT2A interaction inhibitor, with IC50 values of 0.1 nM in humans, 0.045 nM in mice, and ≤0.066 nM in dogs, Bleximenib effectively suppresses tumor cell proliferation while inducing apoptosis and cellular differentiation. Bleximenib serves as a powerful investigational agent for leukemia and other KMT2A-driven malignancies in preclinical cancer research.
Targets(IC50)	Histone Methyltransferase

Solubility Information

Solubility	DMSO: 80 mg/mL (133.38 mM), Sonication is recommended. H2O: 80 mg/mL (133.38 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6672 mL	8.3361 mL	16.6722 mL
5 mM	0.3334 mL	1.6672 mL	3.3344 mL
10 mM	0.1667 mL	0.8336 mL	1.6672 mL
50 mM	0.0333 mL	0.1667 mL	0.3334 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

Freire P R, Cutler J A, Armstrong S A. Therapeutic targeting of the menin-KMT2A interaction[J]. Annual Review of Cancer Biology, 2024, 8.

Kwon M C, et al Preclinical efficacy of the potent, selective menin-KMT2A inhibitor JNJ-75276617 (bleximenib) in KMT2A-and NPM1-altered leukemias[J]. Blood, 2024, 144(11): 1206-1220.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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