

BET-IN-23

Chemical Properties

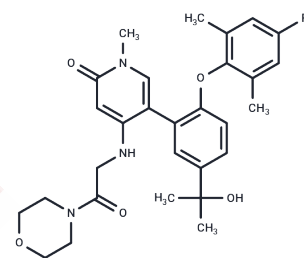
CAS No. : 2953287-57-3

Formula: C₂₉H₃₄FN₃O₅

Molecular Weight: 523.60

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	BET-IN-23 (Compound 23) is a BD2-selective BET inhibitor with an IC ₅₀ of 2.9 nM. It exhibits anticancer activity by significantly inhibiting the proliferation of acute myeloid leukemia (AML) cell lines, inducing G ₀ /G ₁ arrest, and apoptosis in vitro [1].
Targets(IC ₅₀)	Apoptosis, Epigenetic Reader Domain

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9099 mL	9.5493 mL	19.0985 mL
5 mM	0.382 mL	1.9099 mL	3.8197 mL
10 mM	0.191 mL	0.9549 mL	1.9099 mL
50 mM	0.0382 mL	0.191 mL	0.382 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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