

BET-IN-20

Chemical Properties

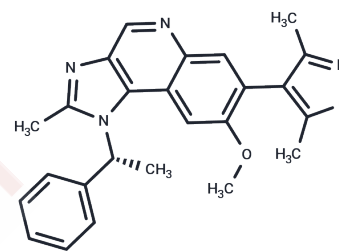
CAS No. : 1300735-76-5

Formula: C₂₅H₂₄N₄O₂

Molecular Weight: 412.48

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-20 (compound 10), a BRD4 BD1 inhibitor (IC ₅₀ = 1.9 nM), exhibits significant anticancer properties. It promotes apoptosis in acute myeloid leukemia (AML) cells and arrests the cell cycle in the G ₀ /G ₁ phase. Additionally, BET-IN-20 inhibits both c-Myc and CDK6, and enhances PARP cleavage [1].
Targets(IC ₅₀)	Apoptosis, Epigenetic Reader Domain

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4244 mL	12.1218 mL	24.2436 mL
5 mM	0.4849 mL	2.4244 mL	4.8487 mL
10 mM	0.2424 mL	1.2122 mL	2.4244 mL
50 mM	0.0485 mL	0.2424 mL	0.4849 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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Tel: 781-999-4286

E_mail: info@targetmol.com

Address: 34 Washington Street, Wellesley Hills, MA 02481