

BET-IN-27

Chemical Properties

CAS No. : 3054869-29-0

Formula: C₂₁H₂₃N₅O₃S

Molecular Weight: 425.5

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-27 (compound 6C) is an orally active BET inhibitor with IC ₅₀ values of 3.3 nM (BRD4-BD2), 3.4 nM (BRD4-BD1), 4.1 nM (BRD2-BD1), 20.4 nM (BRD3-BD1), and 42.0 nM (BRDT-BD1). It also exhibits antiproliferative activity.
Targets(IC ₅₀)	Epigenetic Reader Domain, TGF-beta/Smad

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3502 mL	11.7509 mL	23.5018 mL
5 mM	0.470 mL	2.3502 mL	4.7004 mL
10 mM	0.235 mL	1.1751 mL	2.3502 mL
50 mM	0.047 mL	0.235 mL	0.470 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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