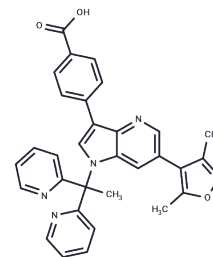


BET-IN-16

Chemical Properties

CAS No. : 2089390-09-8
 Formula: C₃₁H₂₅N₅O₃
 Molecular Weight: 515.56
 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-16 (Comp I), a bromodomain and extra-terminal (BET) inhibitor, demonstrates anticancer activity by impeding the growth of prostate cancer cells. It exhibits potent inhibitory effects with half-maximal inhibitory concentration (IC ₅₀) values of 0.043 μM for LNCaP cells and 0.034 μM for 22Rv1 cells [1].
Targets(IC ₅₀)	Epigenetic Reader Domain

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9396 mL	9.6982 mL	19.3964 mL
5 mM	0.3879 mL	1.9396 mL	3.8793 mL
10 mM	0.194 mL	0.9698 mL	1.9396 mL
50 mM	0.0388 mL	0.194 mL	0.3879 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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