

BET-IN-2

Chemical Properties

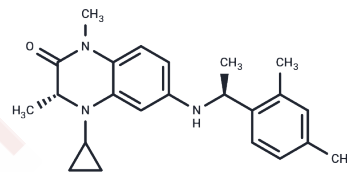
CAS No. : 2104688-91-5

Formula: C₂₃H₂₉N₃O

Molecular Weight: 363.5

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-2 is a BET inhibitor with an IC ₅₀ of 52 nM for BRD4-BD1.
Targets(IC ₅₀)	Epigenetic Reader Domain

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.751 mL	13.7552 mL	27.5103 mL
5 mM	0.5502 mL	2.751 mL	5.5021 mL
10 mM	0.2751 mL	1.3755 mL	2.751 mL
50 mM	0.055 mL	0.2751 mL	0.5502 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

Hu J, et al. Discovery of a series of dihydroquinoxalin-2(1H)-ones as selective BET inhibitors from a dual PLK1-BRD4 inhibitor. *Eur J Med Chem.* 2017 Sep 8;137:176-195.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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