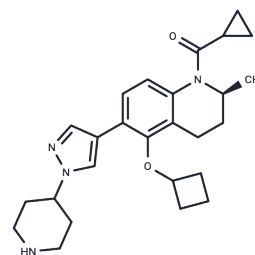


FT-1101 free base

Chemical Properties

CAS No. :	1776060-36-6
Formula:	C ₂₆ H ₃₄ N ₄ O ₂
Molecular Weight:	434.57
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	FT-1101 is an orally bioavailable, potent and selective BET inhibitor. FT-1101 binds to the acetylated lysine recognition motifs in the bromodomain sites of BET proteins, thereby preventing the interaction between the BET proteins and acetylated histones. This disrupts chromatin remodeling and gene expression. Prevention of the expression of certain growth-promoting genes may lead to the inhibition of tumor cell growth. BET proteins, comprised of BRD2, BRD3, BRD4 and BRDT, are transcriptional regulators that play an important role during development and cellular growth.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3011 mL	11.5056 mL	23.0113 mL
5 mM	0.4602 mL	2.3011 mL	4.6023 mL
10 mM	0.2301 mL	1.1506 mL	2.3011 mL
50 mM	0.046 mL	0.2301 mL	0.4602 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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