

FT001

## Chemical Properties

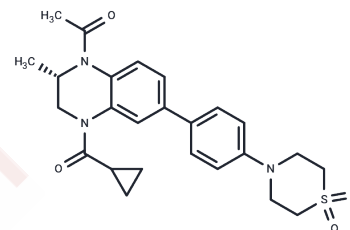
CAS No. : 1778655-51-8

Formula: C<sub>25</sub>H<sub>29</sub>N<sub>3</sub>O<sub>4</sub>S

Molecular Weight: 467.58

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	FT001 is a potent, selective and orally available inhibitor of BET Bromodomain with antitumor activity. FT001 inhibited the expression of MYC with the IC <sub>50</sub> value of 0.46 μM). FT001 has potent antiproliferative effects against MV-4-11 and demonstrates significant MYC mRNA suppression both in vitro and in vivo.
Targets(IC <sub>50</sub> )	Epigenetic Reader Domain

## Solubility Information

Solubility	DMSO: 45 mg/mL (96.24 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1387 mL	10.6934 mL	21.3867 mL
5 mM	0.4277 mL	2.1387 mL	4.2773 mL
10 mM	0.2139 mL	1.0693 mL	2.1387 mL
50 mM	0.0428 mL	0.2139 mL	0.4277 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

Millan DS, et al. Design and Optimization of Benzopiperazines as Potent Inhibitors of BET Bromodomains. ACS Med Chem Lett. 2017 Jul 14;8(8):847-852.

**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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