

Y08060

Chemical Properties

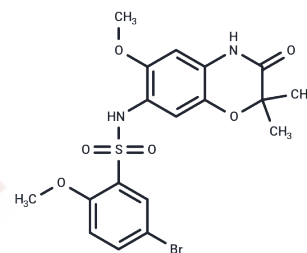
CAS No. :

Formula: C₁₈H₁₉BrN₂O₆S

Molecular Weight: 471.32

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	Y08060 is an effective and selective BET Inhibitor for the Treatment of Prostate Cancer. Y08060 effectively suppresses cell growth, colony formation, and expression of androgen receptor (AR), AR regulated genes, and MYC in prostate cancer cell lines. Y08060 has IC ₅₀ values of 3.23 and 4.41 μM in inhibition of cell viability in the C4 2B and LNCaP cell lines, respectively.
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1217 mL	10.6085 mL	21.217 mL
5 mM	0.4243 mL	2.1217 mL	4.2434 mL
10 mM	0.2122 mL	1.0609 mL	2.1217 mL
50 mM	0.0424 mL	0.2122 mL	0.4243 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

Y08060: A Selective BET Inhibitor for Treatment of Prostate Cancer Qiuping Xiang, Yan Zhang, Jiaguo Li, Xiaoqian Xue, Chao Wang, Ming Song, Cheng Zhang, Rui Wang, Chenchang Li, Chun Wu, Yulai Zhou, Xiaohong Yang, Guohui Li, Ke Ding, and Yong Xu Publication Date (Web): February 13, 2018 (Letter) doi: 10.1021/acsmedchemlett.8b00003

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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