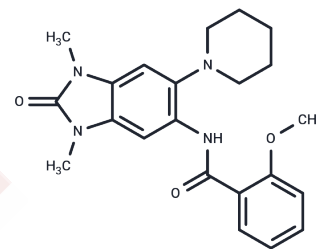


GSK-5959

Chemical Properties

CAS No. : 901245-65-6
 Formula: C₂₂H₂₆N₄O₃
 Molecular Weight: 394.47
 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	GSK-5959 is an effective, specific and cell permeable BRPF1 bromodomain inhibitor (IC ₅₀ : ~80 nM). The selectivity of GSK-5959 for BRPF1 is >100-fold over a panel of 35 other bromodomains, including BRPF2/3 and BET family bromodomains.
Targets(IC ₅₀)	Epigenetic Reader Domain

Solubility Information

Solubility	DMSO: 10 mg/mL (25.35 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	2.535 mL	12.6752 mL	25.3505 mL
5 mM	0.507 mL	2.535 mL	5.0701 mL
10 mM	0.2535 mL	1.2675 mL	2.535 mL
50 mM	0.0507 mL	0.2535 mL	0.507 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

Demont EH, et al. ACS Med Chem Lett. 5(11):1190-1195.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481