

GSK4028

Chemical Properties

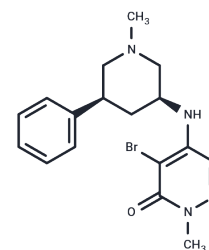
CAS No. : 2079886-19-2

Formula: C₁₇H₂₁BrN₄O

Molecular Weight: 377.28

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	GSK4028 is the enantiomeric negative control of GSK4027, a PCAF/GCN5 bromodomain chemical probe, with a pIC ₅₀ of 4.9 in a TR-FRET assay.
Targets(IC ₅₀)	Others, Epigenetic Reader Domain, Histone Acetyltransferase
In vitro	GSK4028 also demonstrates potency toward BRD4 BD1 and BRD9 in TR-FRET assay with pIC ₅₀ s of <4.3 and 4.5±0.13, respectively. GSK4028 is the enantiomeric negative control of GSK4027, which is a PCAF/GCN5 bromodomain chemical probe, the pIC ₅₀ of GSK4028 is 4.9.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6506 mL	13.2528 mL	26.5055 mL
5 mM	0.5301 mL	2.6506 mL	5.3011 mL
10 mM	0.2651 mL	1.3253 mL	2.6506 mL
50 mM	0.053 mL	0.2651 mL	0.5301 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

Humphreys PG, et al. Discovery of a Potent, Cell Penetrant, and Selective p300/CBP-Associated Factor (PCAF) /General Control Nonderepressible 5 (GCN5) Bromodomain Chemical Probe. J Med Chem. 2017 Jan 26;60(2):695-709.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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