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## GSK5959

产品编号: D50901

CAS: 901245-65-6

分子式: C<sub>22</sub>H<sub>26</sub>N<sub>4</sub>O<sub>3</sub>

纯度: ≥98%

InChi: InChi=1S/C<sub>22</sub>H<sub>26</sub>N<sub>4</sub>O<sub>3</sub>/c1-24-18-13-16(23-21(27)15-9-5-6-10-20(15)29-3)17(26-11-7-4-8-12-26)14-19(18)25(2)22(24)28/h5-6,9-10,13-14H,4,7-8,11-12H<sub>2</sub>,1-3H<sub>3</sub>, (H,23,27)

InChi Key: LTUGYAOMCKNTGG-UHFFFAOYSA-N

Smiles: COC1C=CC=CC(=O)NC1=CC2=C(C=C1N1CCCCC1)N(C)C(=O)N2C

外观: 固体粉末

作用通路: Epigenetic Reader Domain

溶解性: DMSO up to 10 mM

保存条件: Store in dry, dark place for one year.

产品介绍: GSK5959 is a potent, selective and cell permeable BRPF1 bromodomain inhibitor with IC<sub>50</sub> ~ 80 nM. It has >100-fold selectivity for BRPF1 over a panel of 35 other bromodomains, including BRPF2/3 and BET family bromodomains. A cellular protein interaction assay measuring the displacement of NanoLuc-tagged BRPF1 bromodomain from Halotagged histone H3.3 was employed to demonstrate GSK5959's cell permeability and disruption of chromatin binding with IC<sub>50</sub> ~0.98 μM.