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产品名称: **GSK-5959**
产品别名: **GSK-5959**

生物活性:				
Description	GSK-5959 is a potent, selective and cell permeable BRPF1 bromodomain inhibitor with IC50 ~ 80 nM. Exhibits >100-fold selectivity for BRPF1 over a panel of 35 other bromodomains, including BRPF2/3 and BET family bromodomains. IC50 value: 80 nM Target: BRPF1 in vitro: GSK-5959 inhibits BRPF1 interaction with histone H3. A cellular protein interaction assay measuring the displacement of NanoLuc-tagged BRPF1 bromodomain from Halotagged histone H3 is employed to demonstrate GSK-5959 is cell permeability and disruption of chromatin binding with IC50 of 0.98 μ M. GSK-5959 is used at 10 μ M final concentration in various in vitro assays.			
Solvent&Solubility	In Vitro: DMSO : 13 mg/mL (32.96 mM; Need ultrasonic and warming)			
	Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg
		1 mM	2.5350 mL	12.6752 mL
		5 mM	0.5070 mL	2.5350 mL
		10 mM	0.2535 mL	1.2675 mL
	*请根据产品在不同溶剂中的溶解度选择合适的溶剂配制储备液; 一旦配成溶液, 请分装保存, 避免反复冻融造成的产品失效。 储备液的保存方式和期限 -80°C, 6 months; -20°C, 1 month。 -80°C 储存时, 请在 6 个月内使用, -20°C 储存时, 请在 1 个月内使用。			
References	[1]. Demont EH, et al. 1,3-Dimethyl Benzimidazolones Are Potent, Selective Inhibitors of the BRPF1 Bromodomain. (2014) ACS Med Chem Lett. 5(11):1190-1195.			

源叶生物