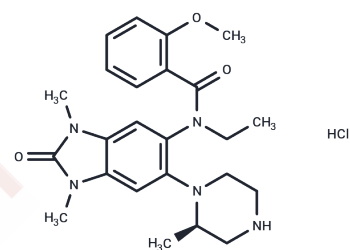


GSK9311 hydrochloride

Chemical Properties

CAS No. :	2253733-09-2
Formula:	C ₂₄ H ₃₂ ClN ₅ O ₃
Molecular Weight:	474
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	GSK9311 hydrochloride, a less active analog of GSK6853, can be used as a negative control. GSK9311 hydrochloride inhibits BRPF bromodomain (pIC50s: 6.0 and 4.3 for BRPF1 and BRPF2).
Targets(IC50)	Epigenetic Reader Domain
In vitro	GSK6853, an analog less active due to 5-amide alkylation, is a highly potent (300 pM), soluble, and cell-active (20 nM) inhibitor of the BRPF1 bromodomain. Its selectivity and properties make it suitable for cellular and in vivo studies.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1097 mL	10.5485 mL	21.097 mL
5 mM	0.4219 mL	2.1097 mL	4.2194 mL
10 mM	0.211 mL	1.0549 mL	2.1097 mL
50 mM	0.0422 mL	0.211 mL	0.4219 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

Bamborough P, et al. GSK6853, a Chemical Probe for Inhibition of the BRPF1 Bromodomain. ACS Med Chem Lett. 2016 May 9;7(6):552-7.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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