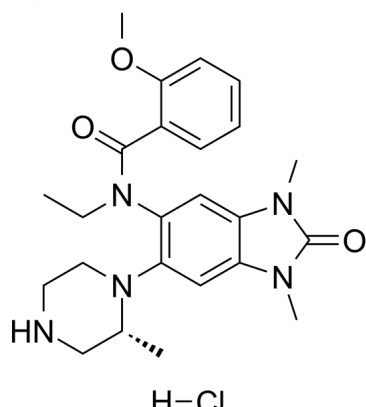


Certificate of Analysis

Catalog Number	BP13900
Product Name	GSK9311 hydrochloride

Physical and Chemical Properties

CAS No.	2253733-09-2
Chemical Formula	C ₂₄ H ₃₂ ClN ₅ O ₃
Molecular Weight	474
Solubility	
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	GSK9311 hydrochloride, a less active analog of GSK6853, can be used as a negative control. GSK9311 hydrochloride inhibits BRPF bromodomain (pIC ₅₀ s: 6.0 and 4.3 for BRPF1 and BRPF2).
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Targets&IC50	BRPF2:4.3(pIC50), BRPF1:6(pIC50)
In vitro	GSK6853 is a less active analogue of GSK6853 in which the 5-amide is alkylated. GSK6853 is a potent (300 pM), soluble, cell active (20 nM), and highly selective inhibitor of the BRPF1 bromodomain, and demonstrates properties suitable for cellular and in vivo studies.

Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

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