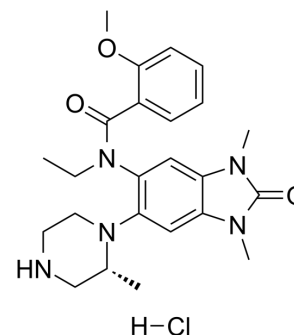


GSK9311 hydrochloride

Cat. No.:	HY-100729A
CAS No.:	2253733-09-2
Molecular Formula:	C ₂₄ H ₃₂ ClN ₅ O ₃
Molecular Weight:	474
Target:	Epigenetic Reader Domain
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	GSK9311 hydrochloride, a less active analogue of GSK6853, can be used as a negative control. GSK9311 hydrochloride inhibits BRPF bromodomain with pIC ₅₀ values of 6.0 and 4.3 for BRPF1 and BRPF2, respectively ^[1] .	
IC₅₀ & Target	BRPF1 6.0 (pIC ₅₀)	BRPF2 4.3 (pIC ₅₀)
In Vitro	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. GSK9311 is a less active analogue of GSK6853 in which the 5-amide is alkylated ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	

REFERENCES

[1]. 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.

Caution: Product has not been fully validated for medical applications. For research use only.

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