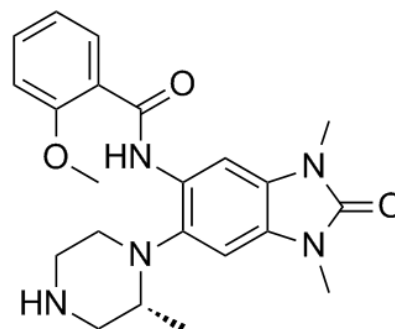


Product Name : GSK-6853
Cat. No. : PC-42090
CAS No. : 1910124-24-1
Molecular Formula : C₂₂H₂₇N₅O₃
Molecular Weight : 409.4815
Target : Bromodomain
Solubility : DMSO: ≥ 29 mg/mL



Biological Activity

GSK-6853 (GSK6853) is a potent, highly selective and cell-active **BRPF1 bromodomain** inhibitor with TR-FRET pIC₅₀ of 8.1. GSK-6853 displays >1600-fold selectivity over others bromodomains (BRPF2/3, BRD4 BD1/BD2). GSK-6853 displaces NanoLuc-tagged BRPF1 bromodomain from Halo-tagged histone H3.3 (IC₅₀=20 nM) and disrupts chromatin binding in cell assays. GSK-6853 demonstrates properties suitable for cellular and in vivo studies.

References

Bamborough P, et al. *ACS Med Chem Lett.* 2016 May 9;7(6):552-7.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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