

Product Data Sheet

Product Name: GSK9311

Cat. No.: GC33324

Chemical Properties

Cas. No. 1923851-49-3

SMILES C[C@@H]1CNCCN1C2=C(N(CC)C(C3=CC=CC=C3OC)=O)C=C(C(N4C)=C2)N(C)C4=O

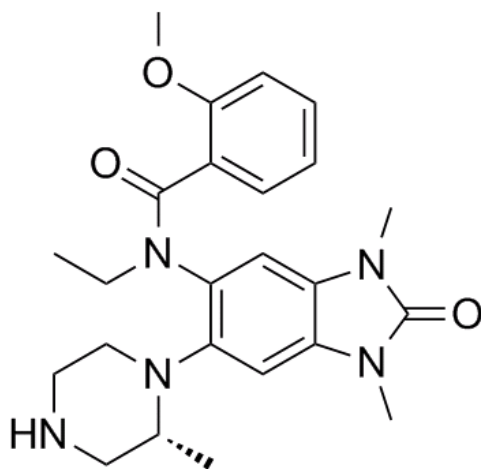
Formula $C_{24}H_{31}N_5O_3$ M.Wt 437.53

Solubility DMSO : ≥ 30 mg/mL (68.57 mM) Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37°C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

GSK9311 is a potent inhibitor of the BRPF bromodomain with pIC_{50} values of 6.0 and 4.3 for BRPF1 and BRPF2, respectively.

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. GSK6853 is a less active analogue of GSK6853 in which the 5-amide is alkylated[1].

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

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[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.

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