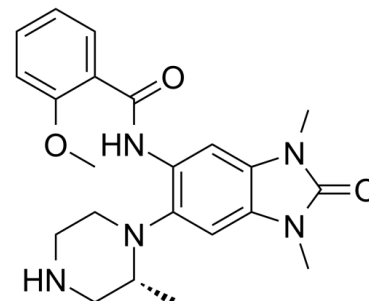


Data Sheet

Product Name:	GSK6853
Cat. No.:	CS-5847
CAS No.:	1910124-24-1
Molecular Formula:	C ₂₂ H ₂₇ N ₅ O ₃
Molecular Weight:	409.48
Target:	Epigenetic Reader Domain
Pathway:	Epigenetics
Solubility:	DMSO : ≥ 29 mg/mL (70.82 mM)



BIOLOGICAL ACTIVITY:

GSK6853 is a potent and selective inhibitor of the BRPF1 bromodomain. shows excellent BRPF1 potency (pK_d 9.5) and greater than 1600-fold selectivity over all other bromodomains tested. target: BRPF1.[1] In vivo: The ip route of administration would be suitable for dosing GSK6853 in potential PK/PD models. [1]

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.

CAIndexNames:

Benzamide, N-[2,3-dihydro-1,3-dimethyl-6-[(2R)-2-methyl-1-piperazinyl]-2-oxo-1H-benzimidazol-5-yl]-2-methoxy-

SMILES:

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

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

Tel: 732-484-9848 Fax: 888-484-5008 E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA