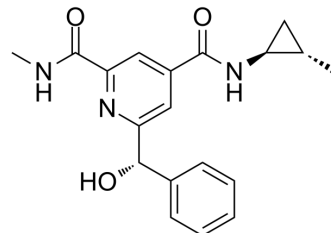


GSK097

Cat. No.:	HY-132232
CAS No.:	2159137-02-5
Molecular Formula:	C ₁₉ H ₂₁ N ₃ O ₃
Molecular Weight:	339.39
Target:	Epigenetic Reader Domain
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	GSK097 is a potent and selective Inhibitor of the second bromodomain (BD2) of the bromodomain and extra-terminal domain (BET) proteins. GSK097 displays 2000-fold selective for BD2 over BD1 (BRD4 data) with >1 mg/mL solubility in FaSSIF media ^[1] .
In Vitro	GSK097 displays pIC ₅₀ s 7.4, 8.0, 7.6, and 7.9 for BRD2 BD2, BRD3 BD2, BRD4 BD2 and BRDT BD2, respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Harrison LA, et al. Identification of a Series of N-Methylpyridine-2-carboxamides as Potent and Selective Inhibitors of the Second Bromodomain (BD2) of the Bromo and Extra Terminal Domain (BET) Proteins [published online ahead of print, 2021 Jul 7]. J Med Chem. 2021;10.1021/acs.jmedchem.0c02155.

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

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