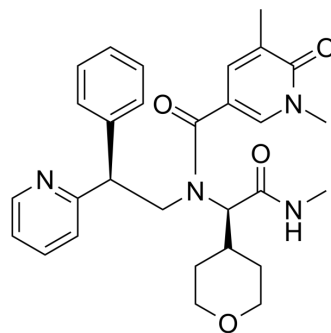


GSK040

Cat. No.:	HY-132230
CAS No.:	2752331-09-0
Molecular Formula:	C ₂₉ H ₃₄ N ₄ O ₄
Molecular Weight:	502.6
Target:	Epigenetic Reader Domain
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	GSK040 is a potent and highly selective BET BD2 inhibitor, with a pIC ₅₀ of 8.3. GSK040 shows more than 5000-fold selectivity for BET BD2 over BET BD1 (pIC ₅₀ =4.6). GSK040 can be used for the research of oncology and immunology diseases ^[1] .
IC ₅₀ & Target	BD2 8.3 (pIC ₅₀)
In Vivo	GSK040 (1 mg/kg; i.v.) exhibits t _{1/2} (0.19 h), CLb (50 mL/min/kg) and V _{ss} (0.6 L/kg) in rats ^[1] . GSK040 (3 mg/kg; p.o.) exhibits oral bioavailability (16%), t _{max} (0.25 h), C _{max} (398 nM) in rats ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Rianjongdee F, et, al. Discovery of a Highly Selective BET BD2 Inhibitor from a DNA-Encoded Library Technology Screening Hit. J Med Chem. 2021 Jul 12.

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

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