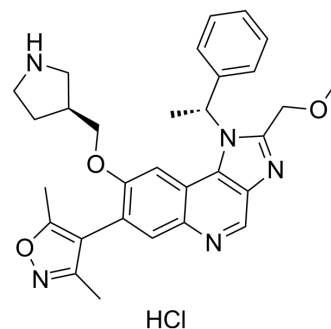


GSK778 hydrochloride

Cat. No.:	HY-136570A
CAS No.:	2863657-79-6
Molecular Formula:	C ₃₀ H ₃₄ ClN ₅ O ₃
Molecular Weight:	548.08
Target:	Epigenetic Reader Domain; Apoptosis
Pathway:	Epigenetics; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	GSK778 (iBET-BD1) hydrochloride is a potent and selective BD1 bromodomain inhibitor of the BET proteins, with IC ₅₀ s of 75 nM (BRD2 BD1), 41 nM (BRD3 BD1), 41 nM (BRD4 BD1), and 143 nM (BRDT BD1), respectively ^[1] .			
IC₅₀ & Target	BRD2 BD1 75 nM (IC ₅₀)	BRD3 BD1 41 nM (IC ₅₀)	BRD4-BD1 41 nM (IC ₅₀)	BRDT BD1 143 nM (IC ₅₀)

REFERENCES

[1]. Omer G, et, al. Selective targeting of BD1 and BD2 of the BET proteins in cancer and immunoinflammation. Science. 2020 Apr 24; 368(6489): 387-394.

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

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