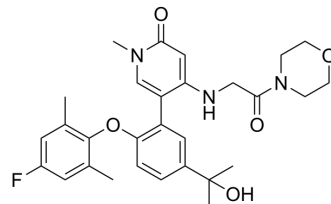


BET-IN-23

Cat. No.:	HY-163160
CAS No.:	2953287-57-3
Molecular Formula:	C ₂₉ H ₃₄ FN ₃ O ₅
Molecular Weight:	523.6
Target:	Apoptosis; Epigenetic Reader Domain
Pathway:	Apoptosis; Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Bet-in-23 (Compound 23) is a BD2-selective BET inhibitor with an IC ₅₀ of 2.9 nM. BET-IN-23 has anticancer activity and can significantly inhibit the proliferation of acute myeloid leukemia (AML) cell lines by inducing G0/G1 arrest and apoptosis in vitro ^[1] .
IC ₅₀ & Target	IC50: 2.9 nM (BET) ^[1] .

REFERENCES

[1]. Jiang W, et al. Discovery of Novel Phenoxyaryl Pyridones as Bromodomain and Extra-Terminal Domain (BET) Inhibitors with High Selectivity for the Second Bromodomain (BD2) to Potentially Treat Acute Myeloid Leukemia. J Med Chem. 2024 Jan 4.

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

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