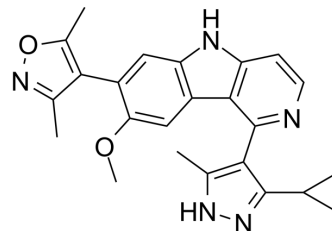


RX-37

Cat. No.:	HY-19549
CAS No.:	1627715-60-9
Molecular Formula:	C ₂₄ H ₂₃ N ₅ O ₂
Molecular Weight:	413.47
Target:	Epigenetic Reader Domain
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	RX-37 is a selective BET inhibitor. RX-37 binds to BET bromodomain proteins (BRD2, BRD3, and BRD4) with K _i values of 3.2-24.7 nM. RX-37 can be used for research of cancers ^[1] .
IC ₅₀ & Target	Ki: 11.1 nM, 11.7 nM, 7.3 nM, 3.2 nM, 24.7 nM, 12.2 nM (BRD2, BRD3, and BRD4 BD1 and BD2) ^[1] .

REFERENCES

[1]. Ran X, et al. Structure-Based Design of γ -Carboline Analogues as Potent and Specific BET Bromodomain Inhibitors. *J Med Chem*. 2015 Jun 25;58(12):4927-39.

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

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