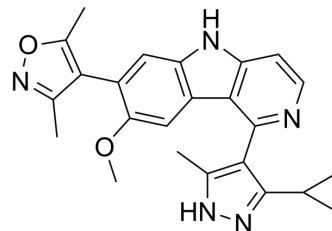


RX-37

| | |
|--------------------|---|
| 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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