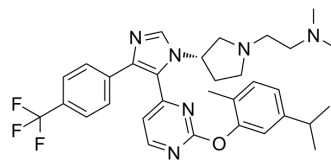


BRD4 D1-IN-1

Cat. No.:	HY-142704
CAS No.:	2863623-98-5
Molecular Formula:	C ₃₂ H ₃₇ F ₃ N ₆ O
Molecular Weight:	578.67
Target:	Epigenetic Reader Domain
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

BRD4 D1-IN-1 is a selective BRD4 D1 inhibitor ($IC_{50} < 0.092 \mu M$). BRD4 D1-IN-1 has 18 nM affinity against BRD4 D1 and over 500-fold selectivity against BRD2 D1 and BRD4 D2 via ITC^[1].

REFERENCES

[1]. Cui H, et al. A Structure-based Design Approach for Generating High Affinity BRD4 D1-Selective Chemical Probes. *J Med Chem.* 2022;65(3):2342-2360.

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

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