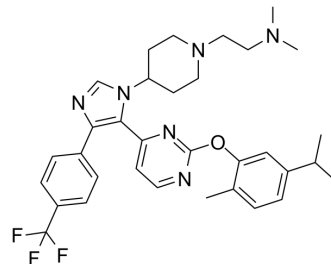


BRD4 D1-IN-2

Cat. No.:	HY-142705
CAS No.:	2863687-22-1
Molecular Formula:	C ₃₃ H ₃₉ F ₃ N ₆ O
Molecular Weight:	592.7
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-2 (compound 26) is a potent and selective BRD4 D1 inhibitor (IC ₅₀ <0.092 μM). BRD4 D1-IN-2 has 15 nM affinity against BRD4 D1 and over 500-fold selectivity against BRD2 D1 and BRD4 D2 via ITC ^[1] .
IC ₅₀ & Target	BRD4 BD1 <0.092 μM (IC ₅₀)

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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