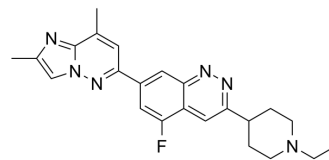


HTT-D3

Cat. No.:	HY-143792
CAS No.:	2254502-89-9
Molecular Formula:	C ₂₃ H ₂₅ FN ₆
Molecular Weight:	404.48
Target:	P-glycoprotein
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

HTT-D3 is a potent and orally active huntingtin (HTT) splicing modulator. HTT-D3 acts by promoting the inclusion of a pseudoexon containing a premature termination codon (stop-codon psiExon), leading to HTT mRNA degradation and reduction of HTT levels. HTT-D3 reduces p-glycoprotein (P-gp) efflux, and can be used for Huntington's disease research^[1].

REFERENCES

[1]. Anuradha Bhattacharyya, et al. Small molecule splicing modifiers with systemic HTT-lowering activity. Nat Commun. 2021 Dec 15;12(1):7299.

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

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