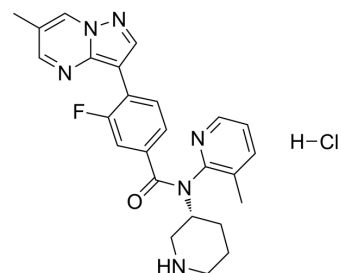


CD33 splicing modulator 1 hydrochloride

Cat. No.:	HY-144399A
CAS No.:	2762547-06-6
Molecular Formula:	C ₂₅ H ₂₆ ClFN ₆ O
Molecular Weight:	480.96
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

CD33 splicing modulator 1 (Compound 1) hydrochloride is a CD33 splicing modulator. CD33/Siglec 3 is a myeloid lineage cell surface receptor that is known to regulate microglia activity. CD33 splicing modulator 1 hydrochloride increases exon 2 skipping in cellular mRNA pools. CD33 splicing modulator 1 hydrochloride has the potential for the research of neurodegenerative disease including Alzheimer's disease^[1].

REFERENCES

[1]. Chappie TA, et al. Discovery of Small-Molecule CD33 Pre-mRNA Splicing Modulators. ACS Med Chem Lett. 2022;13(1):55-62.

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

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