

Rovanersen

Chemical Properties

CAS No. : 2072901-32-5

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Rovanersen

Biological Description

| | |
|---------------|---|
| Description | Rovanersen (WVE-120101) is an antisense oligonucleotide used for Huntington's disease research. |
| Targets(IC50) | Others,Huntingtin |
| In vitro | In vitro, Rovanersen (WVE-120101) selectively facilitates RNase H-mediated cleavage of the mutant Huntingtin allele (mHTT) over the wild-type HTT (wtHTT), without activating the complement system. Additionally, Rovanersen specifically reduces mHTT mRNA and protein levels compared to wtHTT across various cell lines[1]. |
| In vivo | In non-human primates (NHPs), Rovanersen (WVE-120101) selectively localizes to the nuclear and perinuclear regions of neurons in brain areas associated with Huntington's disease (HD) pathology[1]. |

Reference

M Meena, et al. Selectivity and Biodistribution of WVE-120101, a Potential Antisense Oligonucleotide Therapy for the Treatment of Huntington's Disease (S56.001). AAN Enterprises. April 18, 2017; 88 (16 Supplement).

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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481