UHMCP1 dihydrochloride

Cat. No.: HY-148384A

CAS No.: 2925647-93-2

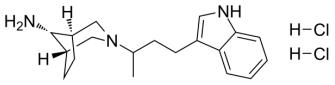
Molecular Formula: $C_{19}H_{29}Cl_2N_3$

Molecular Weight: 370.36

Target: Others

Pathway: Others

Storage: Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	UHMCP1 dihydrochloride is a potent UHM domain splicing inhibitor with a K_d value of 79 μM. UHMCP1 dihydrochloride prevents the SF3b155/U2AF^{65} interaction. UHMCP1 dihydrochloride impacts cell viability and RNA splicing[1].
IC_{50} & Target	K_d: 79 μM (UHM domain)[1]
In Vitro	UHMCP1 dihydrochloride (0-100 μM; 24 h) impacts cell viability and splicing with an EC_{50} value of 140 μM in HEK293 cells[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only. Cell Viability Assay[1]

Cell Line:	HEK293 cells
Concentration:	0-100 μM
Incubation Time:	24 h
Result:	Inhibited cell viability with an EC_{50} value of 140 μM.

REFERENCES

[1]. Kobayashi A, et al. Identification of a small molecule splicing inhibitor targeting UHM domains. FEBS J. 2022 Feb;289(3):682-698.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA