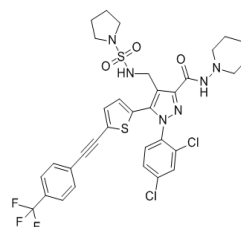


Data Sheet

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Product Name : CB1-IN-4
Cat.No. : URK-V650
CAS No. : 1429239-98-4
Molecular Formula : $C_{33}H_{31}Cl_2F_3N_6O_3S_2$
Molecular Weight : 751.669
Target : Cannabinoid Receptor
Solubility : 10 mM in DMSO



Biological Activity

DBPR211 (BPRCB1184, CB1-IN-4) is a potent, selective, peripherally restricted cannabinoid-1 (CB1) receptor antagonist with K_i of 0.3 nM, EC_{50} of 3.0 nM.

DBPR211 possess a low probability to cross BBB as a peripherally restricted CB1R antagonist, exhibits significant weight-loss efficacy in DIO mice.

DBPR211 also displays 163 clean off-target profiles and potential for treating obesity and the related metabolic syndrome.

References

1. Chang CP, et al. J Med Chem. 2013 Dec 27;56(24):9920-33.
2. Chun-Ping Chang, et al. Bioorg Med Chem. 2019 Jan 1;27(1):216-223.

Note: All products of Ureiko are only used for scientific research or drug certificate declaration, we do not provide products and services for any personal use!

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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