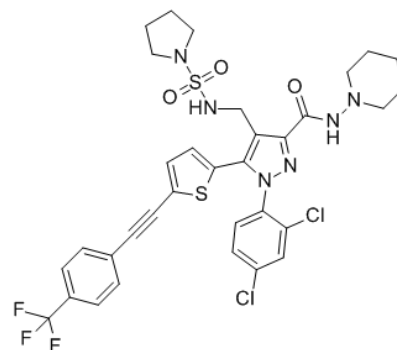


Product Name : DBPR211
Cat. No. : PC-43210
CAS No. : 1429239-98-4
Molecular Formula : C₃₃H₃₁Cl₂F₃N₆O₃S₂
Molecular Weight : 751.6688
Target : Cannabinoid Receptor
Solubility : 10 mM in DMSO



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

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

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

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