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## CB1-IN-1

产品编号: D61325

CAS: 1429239-98-4

分子式: C<sub>33</sub>H<sub>31</sub>Cl<sub>2</sub>F<sub>3</sub>N<sub>6</sub>O<sub>3</sub>S<sub>2</sub>

纯度: 98%

InChi Key: InChIKey=KAIYFJUWIBTYPK-UHFFFAOYSA-N

Smiles: O=C(NN1CCCCC1)C2=NN(C3=CC=C(Cl)C=C3Cl)C(C=4SC(C#CC5=CC=C(C=C5)C(F)(F)F)=CC4)=C2CNS(=O)(=O)N6CCCC6

外观: 固体粉末

作用通路: GPCR/GProtein

作用靶点: Cannabinoid Receptor

溶解性: Soluble in DMSO

保存条件: -20°C

产品介绍: CB1-IN-1 (BPRCB1184) is a peripherally restricted CB1R antagonist, with K<sub>i</sub> of 0.3 nM and 21 nM for CB1R (EC<sub>50</sub> = 3 nM) and CB2R, respectively. IC<sub>50</sub> value: 0.3 nM (K<sub>i</sub>, CB1R) 21 nM (K<sub>i</sub>, CB2R) Target: CB1R in vivo: CB1-IN-1 is a novel peripherally restricted cannabinoid 1 receptor antagonist with significant weight-loss efficacy in diet-induced obese mice. CB1-IN-1 has great potential to ameliorate this related metabolic syndrome.