

CB1-IN-1

Catalog No: tcsc5144



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

1429239-98-4

Formula:

$C_{33}H_{31}Cl_2F_3N_6O_3S_2$

Pathway:

GPCR/G Protein

Target:

Cannabinoid Receptor

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

751.67

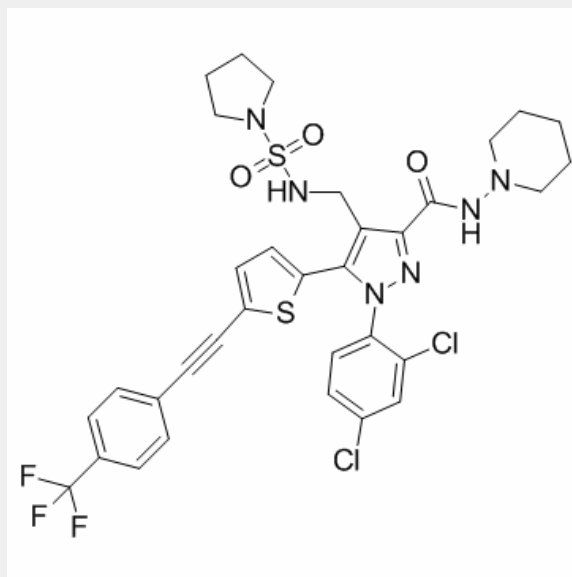
Product Description

CB1-IN-1 is a peripherally restricted CB1R antagonist, with K_i of 0.3 nM and 21 nM for CB1R (EC_{50} = 3 nM) and CB2R, respectively.

IC50 value: 0.3 nM (Ki, CB1R) 21 nM (Ki, 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.



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