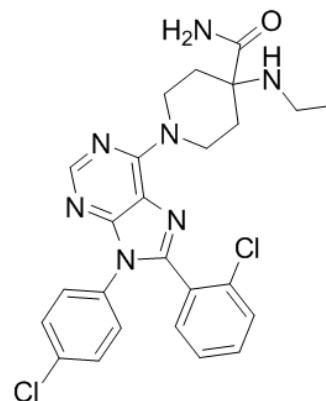


Product Name : Otenabant
Cat. No. : PC-42723
CAS No. : 686344-29-6
Molecular Formula : C₂₅H₂₅Cl₂N₇O
Molecular Weight : 510.4183
Target : Cannabinoid Receptor
Solubility : 10 mM in DMSO



Biological Activity

Otenabant (CP-945598) is a potent, and selective **CB1** receptor antagonist with K_i of 0.7 nM/0.12 nM in binding and functional assays respectively.

Otenabant (CP-945598) has low affinity (K_i=7600 nM) for human CB₂ receptors.

Otenabant (CP-945598) reverses cannabinoid agonist mediated responses, reduces food intake, and increases energy expenditure and fat oxidation in rodents.

References

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Hadcock JR, et al. Biochem Biophys Res Commun. 2010 Apr 2;394(2):366-71.

Aronne LJ, et al. Obesity (Silver Spring). 2011 Jul;19(7):1404-14.

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

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