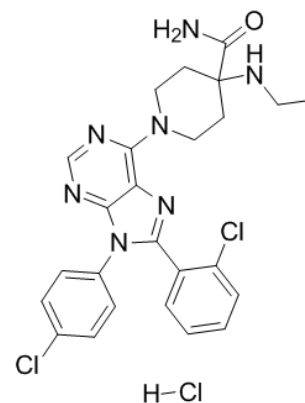


Product Name : Otenabant hydrochloride
Cat. No. : PC-42724
CAS No. : 686347-12-6
Molecular Formula : C₂₅H₂₆Cl₃N₇O
Molecular Weight : 546.8792
Target : Cannabinoid Receptor
Solubility : DMSO: 1 mg/mL



Biological Activity

A potent, and selective CB1 receptor antagonist with K_i of 0.7 nM/0.12 nM in binding and functional assays respectively; has low affinity ($K_i=7600$ nM) for human CB2 receptors; reverses cannabinoid agonist mediated responses, reduces food intake, and increases energy expenditure and fat oxidation in rodents.

Obesity

Phase 3 Discontinued

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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