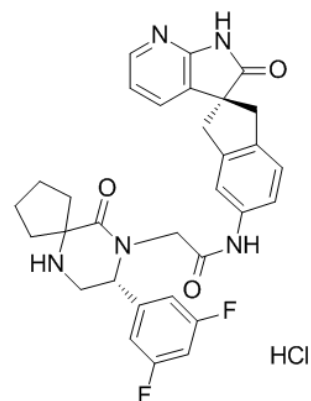


Product Name : MK-3207 (Hydrochloride)
Cat. No. : PC-42517
CAS No. : 957116-20-0
Molecular Formula : C₃₁H₃₀ClF₂N₅O₃
Molecular Weight : 594.0514
Target : CGRP Receptor
Solubility : 10 mM in DMSO



Biological Activity

A highly potent, selective CGRP receptor antagonist with K_i of 21 pM in in vitro binding assay and IC_{50} of 0.12 nM in cell-based functional assay; displays >50000-fold selectivity in a panel of 160 enzymes, receptors, channels, and 65-fold more potent than telcagepant; orally bioavailable.

References

- Bell IM, et al. ACS Med Chem Lett. 2010 Jan 12;1(1):24-9.
Salvatore CA, et al. J Pharmacol Exp Ther. 2010 Apr;333(1):152-60.
Li CC, et al. Br J Clin Pharmacol. 2015 May;79(5):831-7.

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

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