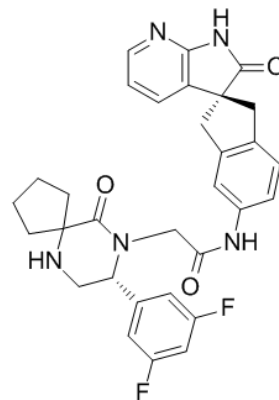


Product Name : MK-3207
Cat. No. : PC-42516
CAS No. : 957118-49-9
Molecular Formula : C₃₁H₂₉F₂N₅O₃
Molecular Weight : 557.5905
Target : CGRP Receptor
Solubility : 10 mM in DMSO



Biological Activity

MK-3207 is 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. MK-3207 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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