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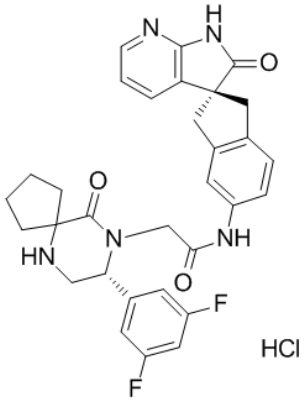
Data Sheet

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	:	MK-3207 hydrochloride
Cat. No.	:	PC-42517
CAS No.	:	957116-20-0
Molecular Formula	:	$C_{31}H_{30}ClF_2N_5O_3$
Molecular Weight	:	594.0514
Target	:	CGRP Receptor
Solubility	:	10 mM in DMSO



Biological Activity

MK-3207 hydrochloride is a highly potent, selective **CGRP receptor** antagonist with Ki of 21 pM in in vitro binding assay and IC50 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!

E-mail: tech@probechem.com