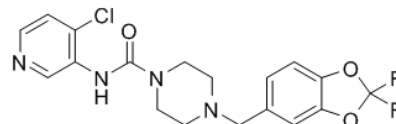


Product Name : JNJ-42165279
Cat. No. : PC-45666
CAS No. : 1346528-50-4
Molecular Formula : C₁₈H₁₇ClF₂N₄O₃
Molecular Weight : 410.8024
Target : FAAH
Solubility : 10 mM in DMSO



Biological Activity

JNJ-42165279 is a highly selective inhibitor of fatty acid amide hydrolase (**FAAH**) with IC₅₀ of 70 nM for hFAAH.

JNJ-42165279 has no inhibition on CYPs and hERG at 10 μM.

JNJ-42165279 blocks FAAH in the brain and periphery of rats, causes an elevation of the concentrations of AEA, OEA, and PEA.

JNJ-42165279 demonstrates activity in the spinal nerve ligation (SNL) model of neuropathic pain; exhibited excellent ADME and pharmacodynamic properties.

References

Keith JM, et al. *ACS Med Chem Lett.* 2015 Nov 2;6(12):1204-8.

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

E-mail: tech@probechem.com