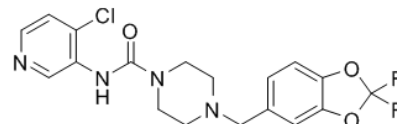


Product Name : JNJ-42165279
Cat. No. : PC-45666
CAS No. : 1346528-50-4
Molecular Formula : C₁₈H₁₇ClF₂N₄O₃
Molecular Weight : 410.8024
Target : FAAH
Solubility : 10 mM in DMSO



Biological Activity

JNJ-42165279 is a highly selective inhibitor of fatty acid amide hydrolase (FAAH) with IC₅₀ of 70 nM for hFAAH; no inhibition on CYPs and hERG at 10 μM; blocks FAAH in the brain and periphery of rats, causes an elevation of the concentrations of AEA, OEA, and PEA; demonstrates activity in the spinal nerve ligation (SNL) model of neuropathic pain; exhibited excellent ADME and pharmacodynamic properties.

Anxiety

Phase 2 Clinical

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!

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