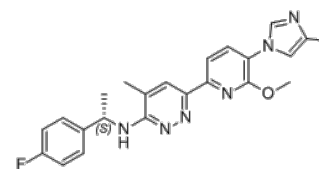


Product Name : BPN-15606
Cat. No. : PC-35198
CAS No. : 1914989-49-3
Molecular Formula : C₂₃H₂₃FN₆O
Molecular Weight : 418.476
Target : γ -secretase
Solubility : 10 mM in DMSO



Biological Activity

BPN-15606 (BPN15606) is a highly potent, orally active γ -secretase modulator (GSM), attenuates the production of A β 42 by SHSY5Y neuroblastoma cells with IC₅₀ of 7 nM.

BPN-15606 does not affect Notch cleavage at 25 μ M.

BPN-15606 displays the ability to significantly lower A β 42 levels in the central nervous system of rats and mice at doses as low as 5-10 mg/kg.

BPN-15606 significantly reduces A β neuritic plaque load in an AD transgenic mouse model, and significantly reduces levels of insoluble A β 42 and pThr181 tau in a three-dimensional human neural cell culture model.

References

Wagner SL, et al. *J Pharmacol Exp Ther.* 2017 Jul;362(1):31-44.

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

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