

Product Data Sheet

Product Name: BPN-15606

Cat. No.: GC39566

Chemical Properties

Cas. No. 1914989-49-3

SMILES CC1=CC(C2=NC(OC)=C(N3C=C(C)N=C3)C=C2)=NN=C1N[C@H](C4=CC=C(F)C=C4)C

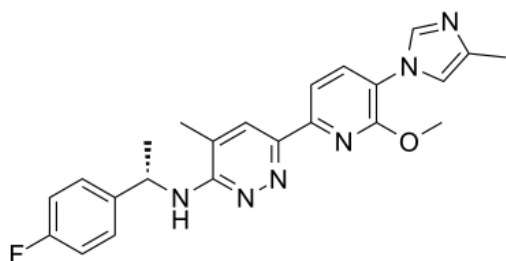
Formula $C_{23}H_{23}FN_6O$ M.Wt 418.47

Solubility DMSO: 100 mg/mL (238.97 mM) Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

BPN-15606 is a highly potent, orally active γ -secretase modulator (GSM), attenuates the production of A β 42 and A β 40 by SHSY5Y neuroblastoma cells with IC₅₀ values of 7 nM and 17nM, respectively. BPN-15606 significantly lowers A β 42 and A β 40 levels in the central nervous system of rats and mice. BPN-15606 has acceptable PK/PD properties, including bioavailability, half-life, and clearance[1].

Caution: Product has not been fully validated for medical applications. For research use only.

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[1]. Wagner SL, et al. Pharmacological and Toxicological Properties of the Potent Oral γ -Secretase Modulator BPN-15606. J Pharmacol Exp Ther. 2017 Jul;362(1):31-44.

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