
Product Data Sheet

Product Name: γ -Secretase modulator 4

Cat. No.: GC38011

Chemical Properties

Cas. No. 1420200-82-3

SMILES N#CC1=C(OC)C2=C(C=C1)NC(C3=CN(CCO[C@H]4C5=CC=CC(F)=C5C)C4=N3)=C2

Formula $C_{23}H_{19}FN_4O_2$ M.Wt 402.42

Solubility DMSO : 100 mg/mL (248.50 mM; Need ultrasonic) Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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

γ -Secretase modulator 4 is a potent γ -secretase modulator, reduces the A β 42 level with IC50s of 0.014 μ M and 0.017 μ M in human and mouse, respectively[1]. IC50: 0.014 μ M (A β 42, human), 0.017 μ M (A β 42, mouse)[1]

[1]. Bischoff FP, et al. Design and synthesis of a novel series of cyanoindole derivatives as potent γ -secretase modulators. Bioorg Med Chem Lett. 2019 Jul 15;29(14):1737-1745.

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

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