

Product Data Sheet

Product Name: gamma-Secretase Modulators

Cat. No.: GC36110

Chemical Properties

Cas. No. 937812-80-1

SMILES O=C1N2[C@@H](COC[C@]2([H])CC/C1=C\C3=CC(OC)=C(C=C3)N4C=NC(C)=C4)C5=CC(F)=C(F)C(F)=C5

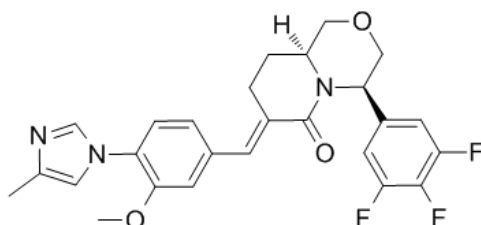
Formula $C_{26}H_{24}F_3N_3O_3$ M.Wt 483.48

Solubility DMSO: ≥ 100 mg/mL (206.83 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

gamma-Secretase Modulators (Amyloid- β production inhibitor) is a Amyloid- β production inhibitor. gamma-Secretase Modulators is useful for Alzheimer's disease. IC50 value: Target: γ -secretase modulator

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

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[1]. Watahiki H, Yagishita S, Futai E, Ishiura S. CTF1-51, a truncated carboxyl-terminal fragment of amyloid precursor protein, suppresses the effects of A β 42-lowering γ -secretase modulators. *Neurosci Lett*. 2012 Sep 27;526(2):96-9. Epub 2012 Aug 23. [2]. Wanngren J, Ottervald J, Parpal S, Portelius E, Strömberg K, Borgegård T, Klintonberg R, Juréus A, Blomqvist J, Blennow K, Zetterberg H, Lundkvist J, Rosqvist S, Karlström H. Second generation γ -secretase modulators exhibit different modulation of Notch β [3]. Wagner SL, Tanzi RE, Mobley WC, Galasko D. Potential Use of γ -Secretase Modulators in the Treatment of Alzheimer Disease. *Arch Neurol*. 2012 Jul 16:1-4. [4]. Bulic B, Ness J, Hahn S, Rennhack A, Jumpertz T, Weggen S. Chemical Biology, Molecular Mechanism and Clinical Perspective of γ -Secretase Modulators in Alzheimer's Disease. *Curr Neuroparmacol*. 2011 Dec;9(4):598-622. [5]. Kretner, Benedikt; Fukumori, Akio; Gutsmedl, Amelie; Page, Richard M.; Luebbbers, Thomas; Galley, Guido; Baumann, Karlheinz; Haass, Christian; Steiner, Harald. Attenuated A β 42 Responses to Low Potency γ -Secretase Modulators Can Be Overcome for

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