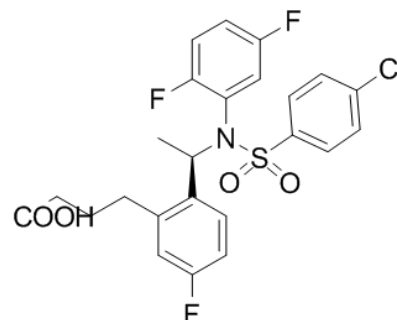


Product Name : BMS-299897
Cat. No. : PC-45889
CAS No. : 290315-45-6
Molecular Formula : C₂₄H₂₁ClF₃NO₄S
Molecular Weight : 511.941
Target : γ -secretase
Solubility : DMSO: \geq 30 mg/mL



Biological Activity

BMS-299897 is a potent γ -secretase inhibitor that preferentially inhibits cleavage of the APP CTF cleavage with IC₅₀ of 7.1 nM.

BMS-299897 has 15-fold lower IC₅₀ value for Notch-1 cleavage (IC₅₀=105.9 nM) in vitro.

BMS-299897 alleviates A β 1-42 seeding and short-term memory deficits in the A β 25-35 mouse model of Alzheimer's disease.

References

Barten DM, et al. *J Pharmacol Exp Ther*. 2005 Feb;312(2):635-43.

Meunier J, et al. *Eur J Pharmacol*. 2013 Jan 5;698(1-3):193-9.

Goldstein ME, et al. *J Pharmacol Exp Ther*. 2007 Oct;323(1):102-8.

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

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