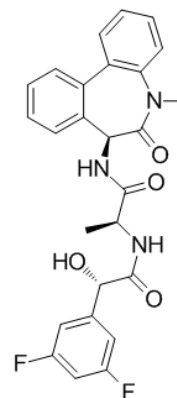


Product Name : LY-411575
Cat. No. : PC-45860
CAS No. : 209984-57-6
Molecular Formula : C₂₆H₂₃F₂N₃O₄
Molecular Weight : 479.4753
Target : γ -secretase
Solubility : 10 mM in DMSO



Biological Activity

A potent γ -secretase inhibitor that has an IC₅₀ value of 119 pM for reduction of A β levels in APP-transfected cell lines; dose dependently reduces A β (1-40) and A β (1-42) in the brain, CSF, and plasma of Tg2576 mice; reduces cortical Abeta(40) in young transgenic CRND8 mice with ED₅₀ of 0.6 mg/kg, and produces significant thymus atrophy and intestinal goblet cell hyperplasia at higher doses (>3 mg/kg).

Alzheimer's Disease
Preclinical

References

- Lanz TA, et al. J Pharmacol Exp Ther. 2004 Apr;309(1):49-55.
Best JD, et al. J Pharmacol Exp Ther. 2005 May;313(2):902-8.
Hyde LA, et al. J Pharmacol Exp Ther. 2006 Dec;319(3):1133-43.

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

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