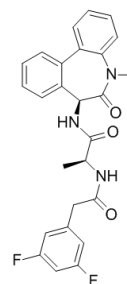


Product Name	: YO-01027
Synonyms	: Dibenzazepine
Cat No.	: M13326
CAS Number	: 209984-56-5
Molecular Formula	: C ₂₆ H ₂₃ F ₂ N ₃ O ₃
Formula Weight	: 463.48
Chemical Name	: (S)-2-(2-(3,5-difluorophenyl)acetamido)-N-((S)-5-methyl-6-oxo-6,7-dihydro-5H-dibenzo[b,d]azepin-7-yl)propanamide
Description	: YO-01027 (Dibenzazepine) is a dipeptidic γ-secretase inhibitor with IC ₅₀ of 2.6 nM and 2.9 nM for APPL and Notch cleavage, respectively.
Pathway	: Neuroscience
Target	: Gamma-secretase
Receptor	: γ secretase (APPL); γ secretase(Notch)
Solubility	: DMSO:92 mg/mL (198.49 mM); Ethanol:<1 mg/mL (<1 mM); Water:<1 mg/mL (<1 mM)
SMILES	: <chem>C[C@H](NC(=O)CC1=CC(F)=CC(F)=C1)C(=O)N[C@@H]2C(N(C)C3=CC=CC=C3C4=CC=CC=C24)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Groth C, et al, Mol Pharmacol, 2010, 77(4), 567-574.