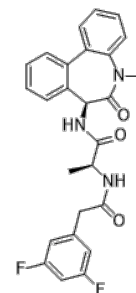


Product Name : Dibenzazepine
Cat. No. : PC-22490
CAS No. : 209984-56-5
Molecular Formula : C₂₆H₂₃F₂N₃O₃
Molecular Weight : 463.48
Target : γ -secretase
Solubility : 10 mM in DMSO



Biological Activity

Dibenzazepine (YO-01027, DBZ) is a potent γ -secretase inhibitor with IC₅₀ values of 2.92 and 2.64 nM for Notch and APPL cleavage, respectively, exhibits potent inhibiting activity against SPP in vitro and in vivo through the interaction of Val223 in SPP.

References

Groth C, et al. Mol Pharmacol. 2010 Apr;77(4):567-74.

Hirano J, et al. Proc Natl Acad Sci U S A. 2017 Dec 12;114(50):E10782-E10791.

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

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