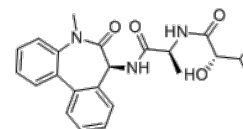


Product Name : LY900009
Cat. No. : PC-35276
CAS No. : 209984-68-9
Molecular Formula : C₂₃H₂₇N₃O₄
Molecular Weight : 409.486
Target : γ -secretase
Solubility : 10 mM in DMSO



Biological Activity

LY900009 (LY-900009) is an orally active small molecule inhibitor of **Notch** signalling via selective inhibition of the **γ -secretase** protein, inhibits Notch signalling in tumour cell lines and endothelial cells with IC₅₀ of 0.005-20 nM.

LY900009 dose dependently inhibits Notch cleavage and induces apoptosis 24 h after a single 3 mg/kg oral dose in xenograft tumour models.

LY900009 also demonstrates inhibition of angiogenesis through formation of leaky vasculature.

References

Pant S, et al. *Eur J Cancer*. 2016 Mar;56:1-9. doi: 10.1016/j.ejca.2015.11.021.

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

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