

**gamma-Secretase Inhibitor XX - CAS 209984-56-5 - Calbiochem This gamma-secretase inhibitor, CAS 209984-56-5, is a cell-permeable dibenzazepine compound that lowers both brain and plasma Abeta40 levels by ~72% in Tg2576 mutant APP transgenic mouse model.**

Art. ID SAF-565789-1MG  
Unit 1 x 1 mg  
Deliverydetails No Dangerous Good /not restricted

**Description**

A cell-permeable, potent gamma-secretase inhibitor that significantly lowers both brain and plasma Abeta40 levels by ~72% in Tg2576 mutant APP transgenic mouse model (100 &#181;mol/kg, b.i.d). Induces a heterogeneous reorganization of the crypt structural-proliferative units in the intestinal tract and of the stem cell niche in the colon. Also potently inhibits Notch processing (IC<sub>50</sub> = 1.7 nM in SupT1 cells) and induces conversion of proliferative crypt cells to post-mitotic goblet cells in both the C57BL/6 and ApcMin mouse models (10 &#181;mol/kg, i.p)., A cell-permeable dibenzazepine (dbz) compound that acts as a potent gamma-secretase inhibitor and significantly lowers both brain and plasma Abeta40 levels by ~72% in Tg2576 mutant APP transgenic mouse model (100 &#181;mol/kg, b.i.d). Induces a heterogeneous reorganization of the crypt structural-proliferative units in the intestinal tract and of the stem cell niche in the colon. Also potently inhibits Notch processing (IC<sub>50</sub> = 1.7 nM in SupT1 cells) and induces conversion of proliferative crypt cells to post-mitotic goblet cells in both the C57BL/6 and ApcMin mouse models (10 &#181;mol/kg, i.p).

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Dibenzazepine (Deshydro xy LY 411575)	[209984-56-5]				