

# FLI-06

Catalog No: tcsc2407



## Available Sizes

**Size:** 10mg

**Size:** 50mg

**Size:** 100mg



## Specifications

**CAS No:**

313967-18-9

**Formula:**

$C_{25}H_{30}N_2O_5$

**Pathway:**

Stem Cell/Wnt

**Target:**

Notch

**Purity / Grade:**

>98%

**Solubility:**

DMSO :  $\geq 38$  mg/mL (86.66 mM)

**Observed Molecular Weight:**

438.52

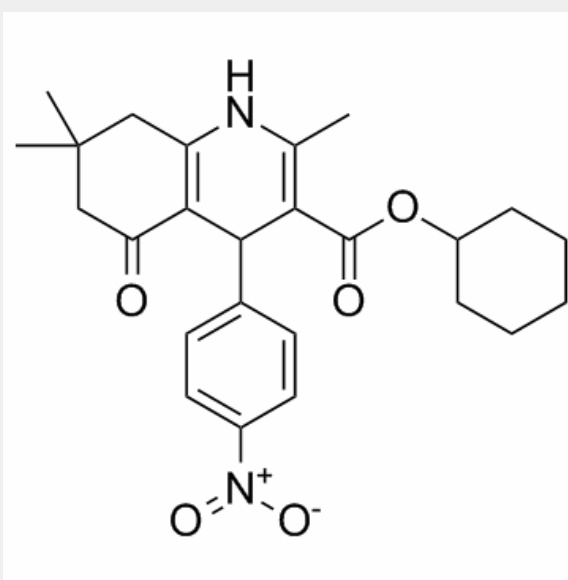
## Product Description

FLI-06 is an inhibitor of **Notch** signaling with an **EC<sub>50</sub>** of 2.3  $\mu$ M.

IC50 & Target: EC50: 2.3  $\mu$ M (Notch signaling)<sup>[1]</sup>

***In Vitro:***

FLI-06, disrupted the Golgi apparatus in a manner distinct from that of brefeldin A and golgicide A. FLI-06 inhibited general secretion at a step before exit from the endoplasmic reticulum. In FLI-06-treated cells, no APPCTF accumulates despite strongly reduced A $\beta$  secretion, suggesting that it acts upstream of  $\alpha$ -secretase and  $\beta$ -secretase cleavage. FLI-06 is a very useful chemical probe to study the inhibition of membrane traffic at pre- ER-exit site (ERES) stages without fusion of ER-Golgi<sup>[1]</sup>.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!