



LKT Laboratories, Inc.

FLI-06

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## Product Information

**Product ID** F4432

**CAS No.** 313967-18-9

**Chemical Name** 1,4,5,6,7,8-Hexahydro-2,7,7-trimethyl-4-(4-nitrophenyl)-5-oxo-3-quinolinecarboxylic acid cyclohexyl ester

**Synonym** FLI 06, FLI06

**Formula** C<sub>25</sub>H<sub>30</sub>N<sub>2</sub>O<sub>5</sub>

**Formula Wt.** 438.52

**Melting Point**

**Purity** ≥99%

**Solubility** DMSO 88 mg/mL (200.67 mM)

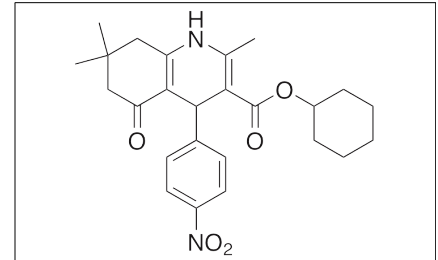
Ethanol 8 mg/mL (18.24 mM)

Water Insoluble

**Store Temp** -20°C

**Ship Temp** Ambient

**Description** FLI-06 is a dihydropyridine inhibitor of  $\gamma$ -secretase that suppresses Notch signaling in vitro and in vivo. FLI-06 inhibits protein secretion prior to endoplasmic reticulum exit. Like other Notch signaling inhibitors, FLI-06 likely displays neuroprotective activity.



**Bulk quantities available upon request**

Product ID	Size
F4432	1 mg
F4432	5 mg
F4432	25 mg
F4432	50 mg

**References** Krämer A, Mentrup T, Kleizen B, et al. Small molecules intercept Notch signaling and the early secretory pathway. *Nat Chem Biol.* 2013 Nov;9(11):731-8. PMID: 24077179.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.