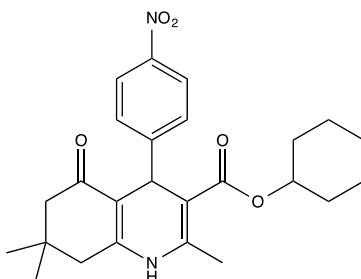


Catalog # 10-1504

FLI-06

CAS# 313967-18-9

Lot # X106601



FLI-06 was discovered in a screen designed to monitor the trafficking and processing of a ligand-independent Notch-enhanced GFP reporter. It was found to disrupt the Golgi apparatus in a manner distinct from that of brefeldin A. It inhibited general secretion at a step before exit from the ER which was accompanied by a tubule-to-sheet morphological transition of the ER. Thus FLI-06 is the first small molecule acting at such an early stage in secretory traffic¹.

1) Krämer, *et al.*, (2013), *Small molecules intercept Notch signaling and the early secretory pathway*; Nat.Chem.Biol. **9** 731

PHYSICAL DATA

Molecular Weight:	438.52
Molecular Formula:	C ₂₅ H ₃₀ N ₂ O ₅
Purity:	>98% TLC
	NMR: (Conforms)
Solubility:	DMSO (up to 50 mg/ml); ethanol (up to 10 mg/ml)
Physical Description:	Yellow solid
Storage and Stability:	Store as supplied at -20°C for up to 1 year from the date of purchase. Solutions in DMSO and ethanol may be stored at -20°C for up to 1 week.

Materials provided by Focus Biomolecules are for laboratory research use only and are not intended for human or veterinary applications.