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Product Datasheet

FLI-06, CAS [[313967-18-9]] FBM-10-1504

Article Name	FLI-06, CAS [[313967-18-9]]
Biozol Catalog Number	FBM-10-1504
Supplier Catalog Number	10-1504
Alternative Catalog Number	FBM-10-1504-5MG, FBM-10-1504-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Notch pathway inhibitor...
Molecular Weight	438.52
Purity	98% by TLC, NMR (conforms)
Form	Yellow solid
CAS Number	[313967-18-9]
Formula	C ₂₅ H ₃₀ N ₂ O ₅
Application Notes	<p>FLI-06 was discovered in a screen designed to monitor the trafficking and processing of a ligand-independent Notch-enhanced GFP reporter. It disrupts the Golgi apparatus in a manner distinct from that of brefeldin A and inhibited general secretion at a step before exit from the ER which was accompanied by a tubule-to-sheet morphological transition of the ER and is thus a novel agent acting at an early stage in secretory traffic (EC₅₀=2.3 M).¹ Abolishes MFAP5-dependent transcriptional programs which are upregulated in intrahepatic cholangiocarcinoma.² Suppresses proliferation and induces apoptosis in esophageal squamous cell carcinoma cells.³</p>