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Product Datasheet

YL-365

FBM-10-3988

Article Name	YL-365
Biozol Catalog Number	FBM-10-3988
Supplier Catalog Number	10-3988
Alternative Catalog Number	FBM-10-3988-5MG, FBM-10-3988-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	GPR34 antagonist...
Molecular Weight	583.08
Purity	>98% by HPLC NMR (Conforms)
Form	White solid
Formula	C34H31ClN2O5
Application Notes	YL-365 is a potent ($IC_{50} = 17 \text{ nM}$) and selective antagonist of GPR34, a GPCR for lysophosphatidylserine. ¹ GPR34 is highly expressed in various immune cells and has been implicated in several types of cancer. ² YL-365 showed no activity against various other GPCRs as well as a panel of 378 kinases. It alleviated hyperalgesia in a mouse model of neuropathic pain via downregulation of iNOS in M1 microglia without any toxicity.