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Product Datasheet

Synaptamide FBM-10-1194

Article Name	Synaptamide
Biozol Catalog Number	FBM-10-1194
Supplier Catalog Number	10-1194
Alternative Catalog Number	FBM-10-1194-5MG,FBM-10-1194-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Endogenous agonist at GPR110...
Molecular Weight	371.56
Purity	98% by TLC, NMR (Conforms)
Form	Colorless to yellow oil
CAS Number	[162758-94-3]
Formula	C24H37NO2
Application Notes	Anandamide-like lipid mediator produced from DHA in the brain. Stimulates neurite growth, synaptogenesis and glutamatergic synaptic activity in developing hippocampal neurons at 10-100 nM.1 Potently induces neuronal differentiation of neural stem cells.2 Promotes growth of cortical axons vial modulation of hedgehog signaling.3 Binds to and activates orphan receptor GPR110, stimulating cAMP production at low nM concentrations.4 Reduces LPS-induced TNFalpha production in cultured microglia cells and ameliorates LPS-induced neuroinflammation in a mouse model.5