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Product Datasheet

Synaptamide, CAS [[162758-94-3]] FBM-10-1194

Artikelname	Synaptamide, CAS [[162758-94-3]]
Artikelnummer	FBM-10-1194
Hersteller Artikelnummer	10-1194
Alternativnummer	FBM-10-1194-5MG, FBM-10-1194-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Endogenous agonist at GPR110...
Molekulargewicht	371.56
Reinheit	98% by TLC, NMR (Conforms)
Formulierung	Colorless to yellow oil
CAS Nummer	[162758-94-3]
Formel	C24H37NO2
Anwendungsbeschreibung	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 via modulation of hedgehog signaling. ³ Binds to and activates orphan receptor GPR110, stimulating cAMP production at low nM concentrations. ⁴ Reduces LPS-induced TNF α production in cultured microglia cells and ameliorates LPS-induced neuroinflammation in a mouse model. ⁵