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## Product Datasheet

### N-Eicosanoyl serotonin

### FBM-10-3631

Article Name	N-Eicosanoyl serotonin
Biozol Catalog Number	FBM-10-3631
Supplier Catalog Number	10-3631
Alternative Catalog Number	FBM-10-3631-10MG, FBM-10-3631-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Neuroprotective...
Molecular Weight	470.73
Purity	98% by TLC NMR (Conforms)
Form	Beige solid
Formula	C <sub>30</sub> H <sub>50</sub> N <sub>2</sub> O <sub>2</sub>
Application Notes	A natural product found in coffee which synergizes with caffeine in protecting the brain in models of -synucleinopathy1. It inhibits the PP2A methylesterase maintaining PP2A in a highly active state leading to hypophosphorylated -synuclein. In mouse models it preserved neuronal integrity and function, diminished neuroinflammation and improved behavioral performance. It prevents A-induced impairments in mouse models of Alzheimers disease2,3.