

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Tryptanthrin, CAS [[13220-57-0]] FBM-10-2228

Article Name	Tryptanthrin, CAS [[13220-57-0]]
Biozol Catalog Number	FBM-10-2228
Supplier Catalog Number	10-2228
Alternative Catalog Number	FBM-10-2228-5MG, FBM-10-2228-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Immunomodulator, IDO2 inhibitor...
Molecular Weight	248.24
Purity	98% by HPLC, NMR (Conforms)
Form	Yellow solid
CAS Number	[13220-57-0]
Formula	C ₁₅ H ₈ N ₂ O ₂
Application Notes	A indoloquinazoline alkaloid found in various plant species and possessing intriguing pharmacological activities. ¹ Suppresses activation of BV2 microglia cells following LPS treatment and reduces production of proinflammatory cytokines via Nrf2, HO-1 and NFkappaB signaling. ² Displays antiinflammatory activity targeting IL-17. ³ Inhibits indoleamine 2,3-dioxygenase 2 (IDO2) with an IC ₅₀ of 5-17 µM. ⁴ Induces growth inhibition and neuronal differentiation in human neuroblastoma LA-N-1 cells. ⁵