

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

Product Datasheet

N-Arachidonoyldopamine FBM-10-1479

Article Name	N-Arachidonoyldopamine
Biozol Catalog Number	FBM-10-1479
Supplier Catalog Number	10-1479
Alternative Catalog Number	FBM-10-1479-5MG,FBM-10-1479-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Endogenous TRPV1 activator...
Molecular Weight	439.63
Purity	98% by TLC NMR (Conforms)
Form	Pale yellow viscous oil
CAS Number	[199875-69-9]
Formula	C28H41NO3
Application Notes	Endogenous conjugate of arachidonic acid and dopamine. ¹ May be the "endogenous capsaicin like substance in the CNS acting at TRPV1 channels, EC ₅₀ ~ 50 nM ¹ . Also acts as a selective cannabinoid CB1 agonist (K _i =0.25 and 15 M for CB1 and CB2 respectively) ² and results in a distinct signaling profile from any known cannabinoid ³ . Competitive inhibitor of FAAH and anadamide transport. ⁴ Modulates acute systemic inflammation via non-hematopoietic TRPV1. ⁵