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## Product Datasheet

### N-Arachidonoyldopamine, CAS [[199875-69-9]] FBM-10-1479

Article Name	N-Arachidonoyldopamine, CAS [[199875-69-9]]
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. <sup>1</sup> May be the "endogenous capsaicin like substance in the CNS acting at TRPV1 channels, EC <sub>50</sub> ~ 50 nM <sup>1</sup> . Also acts as a selective cannabinoid CB1 agonist (K <sub>i</sub> =0.25 and 15 M for CB1 and CB2 respectively) <sup>2</sup> and results in a distinct signaling profile from any known cannabinoid <sup>3</sup> . Competitive inhibitor of FAAH and anadamide transport. <sup>4</sup> . Modulates acute systemic inflammation via non-hematopoietic TRPV1. <sup>5</sup>