



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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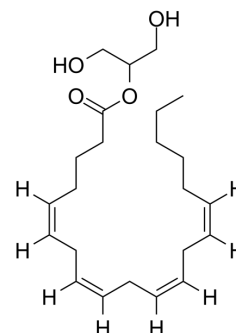
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2-Arachidonoylglycerol

Cat. No.:	HY-W011051
CAS No.:	53847-30-6
Molecular Formula:	C ₂₃ H ₃₈ O ₄
Molecular Weight:	378.55
Target:	Cannabinoid Receptor; Endogenous Metabolite
Pathway:	GPCR/G Protein; Neuronal Signaling; Metabolic Enzyme/Protease
Storage:	Solution, -20°C, 2 years



BIOLOGICAL ACTIVITY

Description	2-Arachidonoylglycerol is a second endogenous cannabinoid ligand in the central nervous system.
IC₅₀ & Target	Human Endogenous Metabolite
In Vitro	2-Arachidonoylglycerol (2-AG) is a cannabinoid ligand isolated from intestinal tissue. 2-Arachidonoylglycerol activates neuronal cannabinoid receptors as a full agonist, and prevents the induction of long-term potentiation at CA3-CA1 synapses. 2-Arachidonoylglycerol binds to cannabinoid receptors and exerts several effects typical of cannabinoid drugs ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Stella N, et al. A second endogenous cannabinoid that modulates long-term potentiation. *Nature*. 1997 Aug 21;388(6644):773-8.

Caution: Product has not been fully validated for medical applications. For research use only.

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