2-Arachidonoylglycerol

Cannabinoid receptor ligand

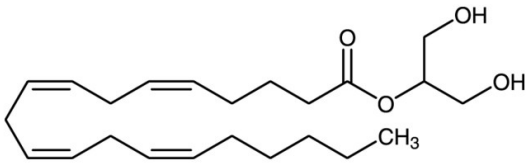
Endogenous ligand for the CB_1 receptor (CB_1: K_i=58.3nM); CB_2: K_i>3μM) present in high levels in the CNS.

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BML-FA028-0005	5mg

Manuals, SDS & CofA View Online »


OH
O
OH
O
CH3

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Stable for at least 1 year after receipt when stored, as supplied, at -70°C. Stock solutions are stable for up to 3 months when stored at -70°C under an atmosphere of nitrogen or argon.
Handling	Protect from light and oxygen. Keep under inert gas.
Long Term Storage	-80°C
Shipping	Dry Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	2-AG
Appearance	Colorless liquid.
CAS	53847-30-6
Couple Target	Cannabinoid receptor
Couple Type	Ligand
Formula	$C_{23}H_{38}O_4$
Formulation	10 mg/mL in Acetonitrile.
Identity	Determined by IR.
MW	378.6
Purity	≥95% (TLC) (as a 9:1 mixture of the 2-AG and 1-AG).
Solubility	Soluble in Acetonitrile, DMSO or 100% ethanol.

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