Noladin ether

Cannabinoid receptor ligand

Endogenous cannabinoid agonist isolated from porcine brain. Binds specifically to CB_1 (K_i=21.2nM) and CB_2 (K_i=>3μM) receptors. Causes sedation hypothermia, intestinal immobility and mild antinociception in mice. Chemically stable, but less potent than 2-arachidonoylglycerol (Prod. No. BML-FA028) with an endogenous half-life time of hours rather than minutes.

Citations: 10 View Online »

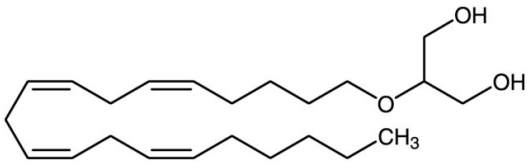
Ordering Information

Order Online »

BML-FA033-0005	5mg

Manuals, SDS & CofA

View Online »


OH
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 -20°C. Stock solutions are stable for up to 3 months at -20°C when stored under an atmosphere of argon or nitrogen.
Handling	Protect from oxygen. Keep under inert gas.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	2-Arachidonyl glyceryl ether, 2-AG ether, 5Z,8Z,11Z,14Z-Eicosatetraen-2-glyceryl ether
Appearance	Yellow oil.
CAS	222723-55-9
Couple Target	Cannabinoid receptor
Couple Type	Ligand
Formula	$C_{23}H_{40}O_3$
MW	364.6
Purity	≥98% (TLC)
Solubility	Soluble in DMSO (40mg/ml) or ethanol (25mg/ml).

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