N-Arachidonoyldopamine

Activator of CB_1 receptor and TRPV1

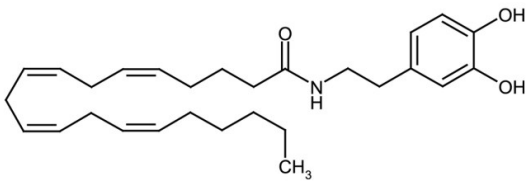
Endogenous, specific ligand for the CB_1 receptor (CB_1: K_i=250nM; CB_2: K_i =12μM) [1] and TRPV1 [2] (EC_{50}=50nM) found in nervous tissues [3, 4]. Immunosuppressant inhibiting T cell proliferation and phosphorylation of the NF-κB p65 subunit [5]. Potent vasorelaxant [6] and inhibitor of HIV-1 [7].

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BML-VR104-0025	25mg

Manuals, SDS & CofA View Online »


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OH
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.
Handling	Protect from oxygen. Keep under inert gas.
Long Term Storage	-20°C
Shipping	Dry Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	N-Arachidonoyl-3-hydroxytyramine, NADA, AA-DA
Appearance	Viscous oil.
CAS	199875-69-9
Couple Target	Cannabinoid receptor, TRP channel
Couple Type	Activator, Ligand
Formula	$C_{28}H_{41}NO_3$
MW	439.6
Purity	≥98% (TLC)
Solubility	Soluble in DMSO.

Last modified: May 29, 2024

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