VDM-11

Anandamide transporter inhibitor

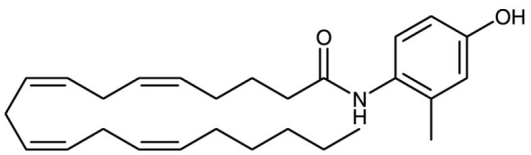
Selective and potent inhibitor of the anandamide membrane transporter (AMT) (neuronal (C6 glioma cells): IC_{50}=11μM; non-neuronal (rat RBL-2H3 cells): IC_{50}=7.2μM) with negligible action at TRPV1 and weak action at CB_1 receptor (CB_1: K_i=5μM; CB_2: K_i>5μM) and FAAH (IC_{50}=3.7μM/ IC_{50} >50μM (N18TG2 cell membranes).

Citations: 7 View Online »

Ordering Information Order Online »

BML-CR111-0050	50mg

Manuals, SDS & CofA View Online »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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	Keep under inert gas.
Long Term Storage	-20°C
Shipping	Dry Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	N-Arachidonoyl-4-hydroxy-2-methylaniline, N-(4-Hydroxy-2-methylphenyl)arachidonoylamide
Appearance	Tan oil.
CAS	313998-81-1
Couple Target	Anandamide transporter
Couple Type	Inhibitor
Formula	$C_{27}H_{39}NO_2$
MW	409.6
Purity	≥98% (TLC)
Solubility	Soluble in DMSO (1.5mg/ml) or ethanol (1mg/ml).

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