N-Arachidonylglycine

FAAH inhibitor

Endogenous anandamide-like compound. Lacks affinity for CB_1 receptors (Ki>10μM), TRPV1 (EC_{50}>10μM) and anandamide uptake (IC_{50}>50μM), but inhibits fatty acid amide hydrolase (FAAH) (IC_{50}=8.5μM-50μM, depending on cell type and species). Displays anti-inflammatory and analgesic activity. Identified as an insulin secretagogue in a primary β-cell-based functional assay. Represents a new class of "lipoamino acids".

Citations: 6 View Online »

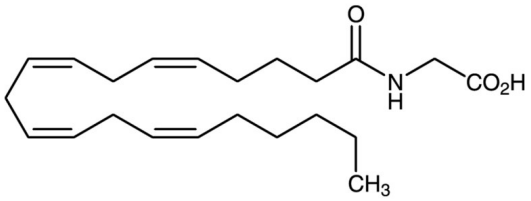
Ordering Information

Order Online »

BML-FA029-0005	5mg

Manuals, SDS & CofA

View Online »


O
N
H
CO2H
CH3

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Handling	Protect from air.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	White waxy solid.
CAS	179113-91-8
Couple Target	FAAH
Couple Type	Inhibitor
Formula	$C_{22}H_{35}NO_3$
MW	361.5
Purity	≥98% (TLC)
Solubility	Soluble in DMSO or 100% ethanol. 2mg/ml soluble in PBS (pH 7.2).
Source	Synthetic.

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