5,8,11,14-Eicosatetraynoic acid

Arachidonic acid uptake inhibitor

Inhibits arachidonic acid uptake. Inhibits cyclooxygenase (ID_{50}=8 μM) and all lipoxygenases (ID_{50}=10, 0.3, and 0.2 μM for 5-, 12- and 15-LO respectively) in whole cells. Inhibits PLA_2 and cytochrome P-450. Modulates Ca^{2+} entry into cells. Stimulates luteinizing hormone release from cultured pituitary cells. PPAR agonist.

Citations: 13 View Online »

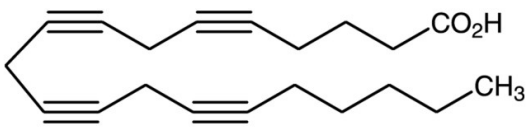
Ordering Information

Order Online »

BML-ET004-0020	20mg
BML-ET004-0100	100mg

Manuals, SDS & CofA

View Online »


CO2H
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 0-4°C. Make solutions fresh daily.
Handling	Protect from light and oxygen.
Long Term Storage	+4°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	ETYA
Appearance	Off-white solid.
CAS	1191-85-1
Couple Target	COX, Cytochrome P450, Lipoxygenase, PLA, PPAR
Couple Type	Activator, Inhibitor
Formula	$C_{20}H_{24}O_2$
MW	296.5
Purity	≥98% (TLC)
Solubility	Soluble in 100% ethanol, methanol, DMSO, acetone or acetonitrile.

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