5,8,11-Eicosatriynoic acid

Lipoxygenase inhibitor

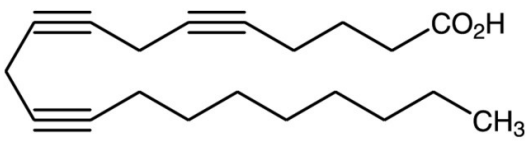
Inhibits lipoxygenases (ID_{50}=3, 20 and 20μM for 5-, 12- and 15-LO respectively) selectively over cyclooxygenase (ID_{50}=50μM) in whole cells. Also inhibits hepatic glutathione S-transferase and leukotriene C_4 biosynthesis.

Citations: 5 View Online »

Ordering Information Order Online »

BML-ET003-0001	1mg

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. Stock solutions are stable for up to 3 months at -20°C.
Handling	Protect from light and oxygen. Keep under inert gas.
Long Term Storage	+4°C
Shipping	Dry Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	ETI
Appearance	Off-white solid.
CAS	13488-22-7
Couple Target	GST, Lipoxygenase
Couple Type	Inhibitor
Formula	$C_{20}H_{28}O_2$
MW	300.4
Purity	≥98% (TLC)
Solubility	Soluble in ethanol (25mg/ml), DMSO (25mg/ml) or dimethyl formamide.

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