17-Octadecynoic acid

Fatty acid ω-hydroxylase inhibitor

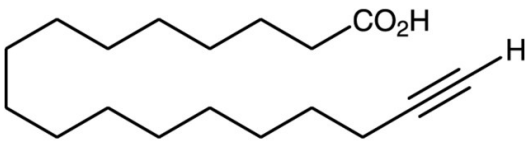
Potent suicide inhibitor of LTB_4 ω-oxidase (IC_{50}<5μM). Potent and selective inhibitor of fatty acid ω-hydroxylase (IC_{50}<100 nM). Blocks biosynthesis of 20-HETE.

Citations: 3 View Online »

Ordering Information Order Online »

BML-EI103-0010	10mg

Manuals, SDS & CofA View Online »


CO2H
H

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	White solid.
CAS	34450-18-5
Couple Target	Fatty acid omega-hydroxylase, Leukotriene oxidase
Couple Type	Inhibitor
Formula	$C_{18}H_{32}O_2$
MW	280.5
MeltingPoint	67-68°C
Purity	≥98% (HPLC)
Solubility	Soluble in ethanol (25mg/ml) or DMSO (25mg/ml).

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ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

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