Leukotriene B4

Prostanoid receptor ligand

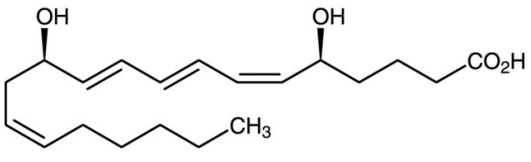
Activator of PPARα. Stimulates leukocyte functions including chemokinesis, chemotaxis, lysosomal enzyme release, adhesion, stimulation of ion fluxes, superoxyde anion production and C3b receptor expression. Induces vascular permeability, NK cell activity, and broncho-constriction. UVmax: 270 nm (50,000).

Citations: 13 View Online »

Ordering Information Order Online »

BML-LB004-0050	50µg

Manuals, SDS & CofA View Online »


OH
OH
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 -80°C.
Handling	Open ampule and aliquot into suitable tubes or vials. Store at -80°C or colder. For experiments with cells or tissues, aliquots of ethanol solutions may be added directly to aqueous media. For HPLC, aliquots of ethanol solutions should be evaporated to dryness under a stream of nitrogen and HPLC mobile phase added to the desired concentration.
Long Term Storage	-80°C
Shipping	Dry Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	LTB4, 5,12-Dihydroxy-[S-[R*,S*-(E,Z,Z,E)]]-6,8,10,14-eicosatetraenoic acid
Appearance	Colorless liquid.
CAS	71160-24-2
Couple Target	Leukotriene receptor, PPAR, Prostanoid receptor
Couple Type	Activator, Ligand
Formula	$C_{20}H_{32}O_4$
Formulation	Oil dissolved in ethanol.
MI	**14**: 5455
MW	336.5
Purity	≥97% (HPLC)
Source	Synthetic.

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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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