Leukotriene E4

Prostanoid receptor ligand

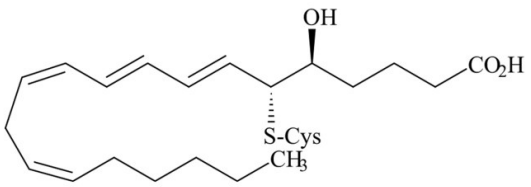
Less potent than LTD_4 in smooth muscle contractile activity and mucus secretion in airways. Reduces myocardial contractility and coronary blood flow. Induces long lasting hypotension and airway hyperresponsiveness. Partial agonist at LTD_4 receptors. LTE_4 solely activates a $CysLT_1$ receptor. Biosynthesis from LTD_4 by a dipeptidase.

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BML-LE004-1000	1mg
BML-LE004-0050	50µg

Manuals, SDS & CofA View Online »


OH
CO2H
S-Cys
CH3

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Store, as supplied, at -80°C for up to 1 year.
Long Term Storage	-80°C
Shipping	Dry Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	LTE4
Appearance	Liquid.
CAS	75715-89-8
Couple Target	Leukotriene receptor, Prostanoid receptor
Couple Type	Ligand
Formula	$C_{23}H_{37}NO_5S$
Formulation	Solution in ethanol.
MW	439.6
Purity	≥98% (HPLC)

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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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