Leukotriene D4

Prostanoid receptor ligand

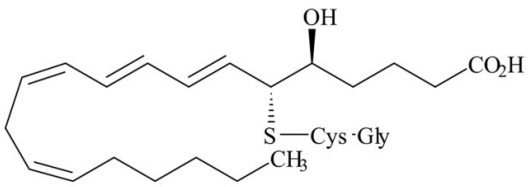
Potent agonist for contraction of smooth muscle. Induces microvascular permeability and mucus secretion in airways. Enhances growth of human airway epithelial cells. Reduces myocardial contractility and coronary blood flow. Induces long lasting hypotension. Biosynthesis from LTC4 by γ-glutamyltranspeptidase.

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BML-LD004-0050	50µg

Manuals, SDS & CofA View Online »


OH
CO2H
S—Cys-Gly
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. Protect from exposure to air.
Long Term Storage	-80°C
Shipping	Dry Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	LTD4
Appearance	Liquid.
CAS	73836-78-9
Couple Target	Leukotriene receptor, Prostanoid receptor
Couple Type	Ligand
Formula	$C_{25}H_{40}N_2O_6S$
Formulation	Solution in methanol/ammonium acetate buffer, 70:30, pH 5.6.
MW	496.7
Purity	≥98% (HPLC)
Source	Synthetic.

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