Leukotriene B4-dimethylamide

Prostanoid receptor ligand

Leukotriene B_4 antagonist. Inhibits binding of [^{3}H]-LTB4 to guinea pig lung membranes (K_i=0.13 μM). Antagonizes the degranulation response to LTB4 in rabbit PMNL (K_d=0.2 μM) acting, most likely, via receptor desensitization. Partial agonist at higher concentrations (5 μM).

Citations: 1 View Online »

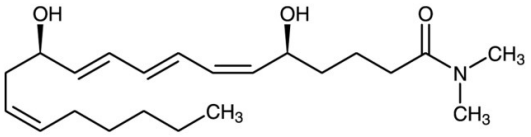
Ordering Information

Order Online »

BML-EI102-0050	50μg

Manuals, SDS & CofA

View Online »


OH
OH
O
CH3
N
CH3
CH3

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Store as supplied (-80°C) for up to two years.
Long Term Storage	-80°C
Shipping	Dry Ice

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	Liquid.
CAS	83024-92-4
Couple Target	Leukotriene, Prostanoid receptor
Couple Type	Inhibitor, Ligand
Formula	$C_{22}H_{37}NO_3$
Formulation	Solution in ethanol.
MW	363.5
Purity	≥98% (HPLC)

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