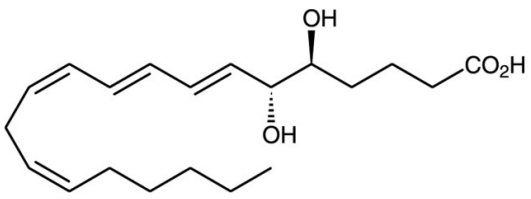
5(S),6(R)-Dihydroxyeicosa-7E,9E,11Z,14Z-tetraenoic acid (DiHETE)

Synthesis via enzymatic and nonenzymatic hydrolysis of LTA4. Induces contraction of guinea pig lung parenchymal strips. Partial agonist at LTD_4 receptors. Potent inhibitor of LTB_4 induced neutrophil migration (IC_{50} = 8nM).

Prostanoid receptor ligand

Citations: 2 View Online »

Manuals, SDS & CofA View Online »


OH
CO2H
OH

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-80°C
Shipping	Dry Ice – Dangerous Good

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	5(S),6(R)-DiHETE
Appearance	Colorless liquid.
CAS	82948-88-7
Couple Target	Leukotriene receptor, Prostanoid receptor
Couple Type	Ligand
Formula	$C_{20}H_{32}O_4$
Formulation	Oil dissolved in ethanol.
MW	336.5
Purity	≥99% (HPLC)

Last modified: May 29, 2024

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