Leukotriene B4 ab141686

Overview

Product name
Leukotriene B4

Description
Potent chemoattractant. Leukotriene B₄, BLT₁ and BLT₂ receptor agonist.

Biological description
Potent chemoattractant (EC₅₀ = 300 nM). Also acts as a leukotriene B₄, BLT₁ and BLT₂ receptor agonist (Kᵅ values are 1.2 and 23 nM, respectively). A lipid derivative of arachidonic acid.

Purity
> 99%

Properties

Chemical name
(5S,6Z,8E,10E,12R,14Z)-5,12-Dihydroxyicos-6,8,10,14-tetraenoic acid

Molecular weight
336.50

Chemical structure

Molecular formula
C₂₀H₃₂O₄

CAS Number
71160-24-2

PubChem identifier
5280492

Storage instructions
Store at -80°C.

Solubility overview
Supplied in ethanol (1 ml)

Handling
Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.

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Source
Synthetic

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE, NOT FOR USE IN HUMANS"
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