

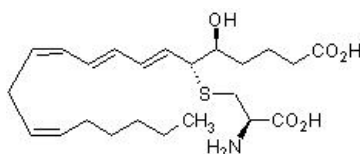
Product datasheet

Leukotriene E4, CysLT₁ and CysLT₂ agonist ab141690

Overview

Product name	Leukotriene E4, CysLT ₁ and CysLT ₂ agonist
Description	Partial, selective CysLT ₁ and CysLT ₂ agonist
Biological description	Partial, selective CysLT ₁ and CysLT ₂ agonist (EC ₅₀ values are 55.9 and 59 nM, respectively). Induces hypotension and bronchoconstriction. Active <i>in vivo</i> and <i>in vitro</i> .
Purity	> 98%
CAS Number	75715-89-8

Chemical structure



Properties

Chemical name	(5S,6R,7E,9E,11Z,14Z)-6-(2-Amino-2-carboxyethyl)sulfanyl-5-hydroxyicosa-7,9,11,14-tetraenoic acid
Molecular weight	439.61
Molecular formula	C ₂₃ H ₃₇ NO ₅ S
PubChem identifier	5280749
Storage instructions	Shipped at 4°C. Store at -80°C.
Solubility overview	Supplied in methanol/ammonium acetate buffer, 70/30, pH 5.6 (50 µg/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.
SMILES	CCCCC=CCC=CC=CC=CC(C(CCCC(=O)O)O)SCC(C(=O)O)N
Source	Synthetic

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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- Abcam biochemicals are novel compounds and we have not tested their biological activity in house. Please use the literature to identify how to use these products effectively. If you require further assistance please contact the scientific support team