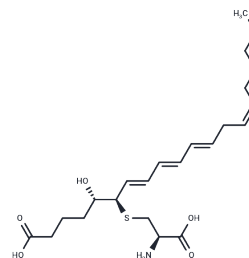


## 11-trans Leukotriene E4

## Chemical Properties

CAS No. :	75715-88-7
Formula:	C <sub>23</sub> H <sub>37</sub> NO <sub>5</sub>
Molecular Weight:	439.61
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Slow isomerization of the C-11 double bond of LTE4 leads to the formation of 11-trans LTE4. 11-trans LTE4 is equipotent to LTE4 in contracting guinea pig ileum.
Targets(IC50)	Others,Endogenous Metabolite

## Solubility Information

Solubility	DMSO: >50 mg/mL (per Ramki Iyer),Sonication is recommended. PBS (pH 7.2): >100 µg/mL (per Ramki Iyer),Sonication is recommended. Ethanol: >50 mg/mL (per Ramki Iyer),Sonication is recommended. DMF: >50 mg/mL (per Ramki Iyer),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2747 mL	11.3737 mL	22.7474 mL
5 mM	0.4549 mL	2.2747 mL	4.5495 mL
10 mM	0.2275 mL	1.1374 mL	2.2747 mL
50 mM	0.0455 mL	0.2275 mL	0.4549 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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