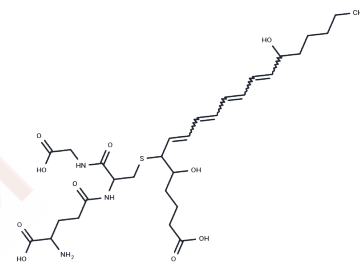


## Lipoxin C4

## Chemical Properties

CAS No. :	85951-62-8
Formula:	C30H47N3O10S
Molecular Weight:	641.77
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	Lipoxin C4 is a bioactive autacoid metabolites of arachidonic acid made by various cell types. It is categorized as a nonclassic eicosanoid and member of the specialized pro-resolving mediator (SPMs) family of polyunsaturated fatty acid (PUFA) metabolites.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5582 mL	7.791 mL	15.5819 mL
5 mM	0.3116 mL	1.5582 mL	3.1164 mL
10 mM	0.1558 mL	0.7791 mL	1.5582 mL
50 mM	0.0312 mL	0.1558 mL	0.3116 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.

## Reference

Steinhilber D, Roth HJ. New series of lipoxins isolated from human eosinophils. FEBS Lett. 1989 Sep 11;255(1):143-8. PubMed PMID: 2507350.

Orning L, Hammarström S. Isolation and characterization of 15-hydroxylated metabolites of leukotriene C4. FEBS Lett. 1983 Mar 21;153(2):253-6. PubMed PMID: 6413247.

Gaede FP, Kirchner M, Steinhilber D, Roth HJ. Determination of picomole amounts of lipoxins C4, D4 and E4 by high-performance liquid chromatography with electrochemical detection. J Chromatogr. 1991 Oct 25;585(1):53-6. PubMed PMID: 1800524.

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