

## Maresin 2

## Chemical Properties

CAS No. : 1639809-46-3

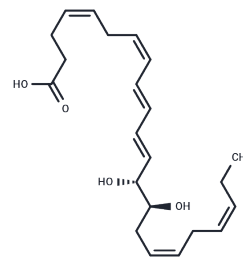
Formula: C<sub>22</sub>H<sub>32</sub>O<sub>4</sub>

Molecular Weight: 360.49

Storage: Store at low temperature, Keep away from direct sunlight

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	Maresin 2 (3R,14S-diHDHA) is a specialized pro-ablative lipid mediator (SPM) with anti-inflammatory and analgesic activity, promotes mucosal repair, and reduces neutrophil recruitment in yeast polymerase peritonitis.
Targets(IC50)	Others,NOD-like Receptor (NLR)

## Solubility Information

Solubility	Ethanol: 40 mg/mL (110.96 mM),Sonication is recommended. DMSO: 40 mg/mL (110.96 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.774 mL	13.870 mL	27.740 mL
5 mM	0.5548 mL	2.774 mL	5.548 mL
10 mM	0.2774 mL	1.387 mL	2.774 mL
50 mM	0.0555 mL	0.2774 mL	0.5548 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

Deng B, et al. Maresin biosynthesis and identification of maresin 2, a new anti-inflammatory and pro-resolving mediator from human macrophages. PLoS One. 2014 Jul 18;9(7):e102362.

Deng B, et al. Maresin biosynthesis and identification of maresin 2, a new anti-inflammatory and pro-resolving mediator from human macrophages. PLoS One. 2014 Jul 18;9(7):e102362.

Deng, B., Wang, C.W., Arnardottir, H.H., et al. Maresin biosynthesis and identification of maresin 2, a new anti-inflammatory and pro-resolving mediator from human macrophages. PLoS One 9(7), (2014).

Serhan, C. . (2007).

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481