

LTA4H-IN-4

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

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	LTA4H-IN-4 (compound 3) is an orally active inhibitor of LTA4H. It exhibits an IC50 value of 156 $\mu$ M against hERG and is applicable for inflammation-related research.
Targets(IC50)	Aminopeptidase
In vitro	LTA4H-IN-4 (compound 3) at concentrations ranging from 0 to 10 $\mu$ M over a period of 4 hours completely inhibits the release of LTB4 in primary peripheral blood mononuclear cells (PBMCs) following stimulation by a calcium ionophore.
In vivo	LTA4H-IN-4 (compound 3), administered at 0-300 mg/kg twice daily with a 10-hour interval for 7 days either intravenously or orally, demonstrates significant oral activity in arthritis mouse models, as well as in rats and dogs, without notable changes in animal weight or any significant adverse effects observed in toxicological studies.

**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