

ALR-38

## Chemical Properties

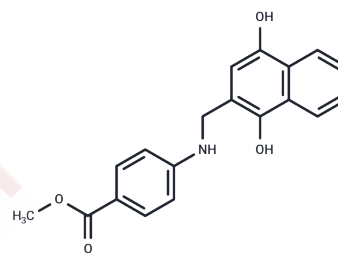
CAS No. : 241127-61-7

Formula: C<sub>19</sub>H<sub>17</sub>N<sub>1</sub>O<sub>4</sub>

Molecular Weight: 323.34

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	ALR-38, a 5-lipoxygenase (5-LOX) inhibitor (IC <sub>50</sub> : 1.1 μM), possesses anti-inflammatory activity and effectively reduces ROS levels in neutrophils [1].
Targets(IC <sub>50</sub> )	Lipoxygenase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0927 mL	15.4636 mL	30.9272 mL
5 mM	0.6185 mL	3.0927 mL	6.1854 mL
10 mM	0.3093 mL	1.5464 mL	3.0927 mL
50 mM	0.0619 mL	0.3093 mL	0.6185 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.

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