

5-Lipoxygenase-IN-3

Chemical Properties

CAS No. : 1875061-47-4
Formula: C₁₉H₁₆ClN₅O
Molecular Weight: 365.82
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	5-Lipoxygenase-IN-3 (Compound 14), with an IC ₅₀ of less than 1 μM, serves as an inhibitor of 5-Lipoxygenase. This compound is utilized in the research of inflammatory diseases, cancer, stroke, and Alzheimer's disease [1].
-------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7336 mL	13.6679 mL	27.3358 mL
5 mM	0.5467 mL	2.7336 mL	5.4672 mL
10 mM	0.2734 mL	1.3668 mL	2.7336 mL
50 mM	0.0547 mL	0.2734 mL	0.5467 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.

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: 36 Washington Street, Wellesley Hills, MA 02481