

ALOX15-IN-1

Chemical Properties

CAS No. :

Formula: C₂₄H₃₁N₃O₅S

Molecular Weight: 473.59

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 | ALOX15-IN-1 (compound 8b) is a selective and potent inhibitor of rabbit and human ALOX15 linoleate oxygenase activity, targeting the direct homologues of ALOX15 linoleic acid (LA) with an IC ₅₀ of 0.04 µM and arachidonic acid (AA) with an IC ₅₀ of 2.06 µM. |
| Targets(IC ₅₀) | Others,Lipoxygenase |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.1115 mL | 10.5577 mL | 21.1153 mL |
| 5 mM | 0.4223 mL | 2.1115 mL | 4.2231 mL |
| 10 mM | 0.2112 mL | 1.0558 mL | 2.1115 mL |
| 50 mM | 0.0422 mL | 0.2112 mL | 0.4223 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

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