

14,15-EE-8(Z)-E

Chemical Properties

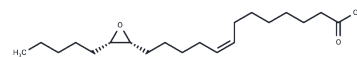
CAS No. : 519038-93-8

Formula: C₂₀H₃₆O₃

Molecular Weight: 324.505

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 | Epoxyeicosatrienoic acids (EETs), such as 11(12)-EET and 14(15)-EET, are cytochrome P450 metabolites of arachidonic acid that have been identified as endothelium-derived hyperpolarizing factors with vasodilator activity. 14,15-EE-8(Z)-E is a structural analog of 14(15)-EET that demonstrates potent vasodilator agonist activity in bovine coronary arteries similar to that of 14(15)-EET. |
| Targets(IC50) | Others |

Solubility Information

| | |
|------------|--|
| Solubility | PBS (pH 7.2): 0.5 mg/mL (1.54 mM), Sonication is recommended. DMSO: 10 mg/mL (30.82 mM), Sonication is recommended. Ethanol: 10 mg/mL (30.82 mM), Sonication is recommended. DMF: 10 mg/mL (30.82 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.0816 mL | 15.4078 mL | 30.8157 mL |
| 5 mM | 0.6163 mL | 3.0816 mL | 6.1631 mL |
| 10 mM | 0.3082 mL | 1.5408 mL | 3.0816 mL |
| 50 mM | 0.0616 mL | 0.3082 mL | 0.6163 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