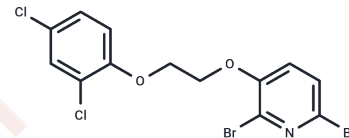


ML-178

Chemical Properties

CAS No. : 1355026-47-9
 Formula: C₁₃H₉Br₂Cl₂NO₂
 Molecular Weight: 441.93
 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 | ML-178, a dichlorobenzene, is a potent and selective agonist of sphingosine-1-phosphate receptor 4 (S1PR4), with an EC ₅₀ of 46 nM, and has no effect on other S1P receptors at a concentration of 25 μM. |
| Targets(IC ₅₀) | Others,LPL Receptor |

Solubility Information

| | |
|------------|---|
| Solubility | DMSO: 15 mg/mL (33.94 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 2.2628 mL | 11.314 mL | 22.628 mL |
| 5 mM | 0.4526 mL | 2.2628 mL | 4.5256 mL |
| 10 mM | 0.2263 mL | 1.1314 mL | 2.2628 mL |
| 50 mM | 0.0453 mL | 0.2263 mL | 0.4526 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

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