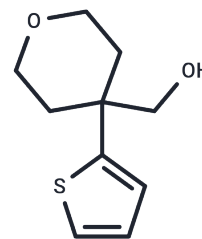


(4-Thien-2-yltetrahydropyran-4-yl)methanol

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 906352-94-1 |
| Formula: | C10H14O2S |
| Molecular Weight: | 198.29 |
| 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 | (4-Thien-2-yltetrahydropyran-4-yl)methanol, with CAS No. 906352-94-1, is a fragment molecule that serves as an important scaffold for molecular linking, expansion, and modification. (4-Thien-2-yltetrahydropyran-4-yl)methanol provides a structural basis and research tool for the design and screening of novel drug candidates, and is commonly used in drug discovery, drug synthesis, and related research. |
|-------------|---|

Solubility Information

| | |
|---------------------|---|
| Solubility | DMSO: 250 mg/mL (1260.78 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
| In vivo Formulation | 10% DMSO+90% Saline: 10 mg/mL (50.43 mM), Solution. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i> |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 5.0431 mL | 25.2156 mL | 50.4312 mL |
| 5 mM | 1.0086 mL | 5.0431 mL | 10.0862 mL |
| 10 mM | 0.5043 mL | 2.5216 mL | 5.0431 mL |
| 50 mM | 0.1009 mL | 0.5043 mL | 1.0086 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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