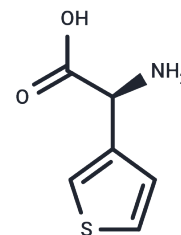


## (S)-3-Thienylglycine

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 1194-87-2   |
| Formula:          | C6H7NO2S  |
| Molecular Weight: | 157.19  |
| Storage:          | Keep away from moisture<br>Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br><small>Actual storage temperature shall be subject to the COA.</small> |



## Biological Description

|               |  |
|---------------|--|
| Description   | (S)-3-Thienylglycine is a thiophene derivative and can be used to investigate the genotoxicity of the similar structures with thiophene derivatives. |
| Targets(IC50) | Others,Amino Acids and Derivatives   |

## Solubility Information

|            |   |
|------------|---|
| Solubility | H2O: sparingly soluble<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 6.3617 mL | 31.8086 mL | 63.6173 mL |
| 5 mM  | 1.2723 mL | 6.3617 mL  | 12.7235 mL |
| 10 mM | 0.6362 mL | 3.1809 mL  | 6.3617 mL  |
| 50 mM | 0.1272 mL | 0.6362 mL  | 1.2723 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.

## Reference

Hatanaka, Y., Tsukiji, M., Itoh, A., et al. Selective adsorption of immunoglobulin G and immunoglobulin M from plasma without adsorption of fibrinogen by using thienyl amino acids as ligands. *J. Chromatogr.* 4(6)1000190(2013)

Gfeller D, Michielin O, Zoete V. Expanding molecular modeling and design tools to non-natural sidechains. *J Comput Chem.* 2012 Jul 5;33(18):1525-35.

**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