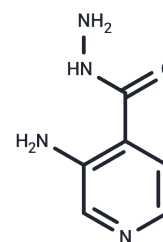


3-Aminoisonicotinohydrazide

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 64189-08-8 |
| Formula: | C ₆ H ₈ N ₄ O |
| Molecular Weight: | 152.15 |
| 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 | 3-Aminoisonicotinohydrazide exhibits inhibitory activity against Mycobacterium tuberculosis and is widely used in biochemical experiments and drug synthesis research. |
| Targets(IC50) | Antibacterial |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 6.5725 mL | 32.8623 mL | 65.7246 mL |
| 5 mM | 1.3145 mL | 6.5725 mL | 13.1449 mL |
| 10 mM | 0.6572 mL | 3.2862 mL | 6.5725 mL |
| 50 mM | 0.1314 mL | 0.6572 mL | 1.3145 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

Martins F, et.al. Design, synthesis and biological evaluation of novel isoniazid derivatives with potent antitubercular activity. Eur J Med Chem. 2014 Jun 23;81:119-38.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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