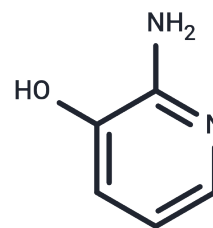


2-Amino-3-hydroxypyridine

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 16867-03-1 |
| Formula: | C ₅ H ₆ N ₂ O |
| Molecular Weight: | 110.11 |
| 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 | 2-Amino-3-hydroxypyridine as a chromogenic reagent for the spectrophotometric determination of osmium. |
| Targets(IC50) | Others |

Solubility Information

| | |
|------------|---|
| Solubility | DMSO: 30 mg/mL (272.45 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 9.0818 mL | 45.4091 mL | 90.8183 mL |
| 5 mM | 1.8164 mL | 9.0818 mL | 18.1637 mL |
| 10 mM | 0.9082 mL | 4.5409 mL | 9.0818 mL |
| 50 mM | 0.1816 mL | 0.9082 mL | 1.8164 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

Mehta Y L , Garg B S , Singh R P . 2-Amino-3-hydroxypyridine as a chromogenic reagent for the spectrophotometric determination of osmium[J]. Talanta, 1976, 23(1):53-55.

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