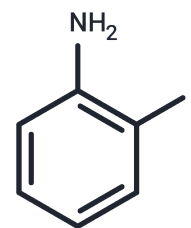


2-Iodobenzenamine

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 615-43-0 |
| Formula: | C ₆ H ₆ IN |
| Molecular Weight: | 219.02 |
| 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-Iodobenzenamine (NSC-34544) is an agent of biochemical. |
| Targets(IC50) | Others |

Solubility Information

| | |
|------------|--|
| Solubility | DMSO: 60 mg/mL (273.95 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 4.5658 mL | 22.829 mL | 45.6579 mL |
| 5 mM | 0.9132 mL | 4.5658 mL | 9.1316 mL |
| 10 mM | 0.4566 mL | 2.2829 mL | 4.5658 mL |
| 50 mM | 0.0913 mL | 0.4566 mL | 0.9132 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

- Yin B, Zhang X, Zhang X, Peng H, Zhou W, Liu B, Jiang H. Access to polysubstituted indoles or benzothiophenes via palladium-catalyzed cross-coupling of furfural tosylhydrazones with 2-iodoanilines or 2-iodothiophenols. *Chem Commun (Camb)*. 2015 Apr 11;51(28):6126-9. doi: 10.1039/c5cc00267b. PubMed PMID: 25743623.
- Melzer B, Plodek A, Bracher F. Total synthesis of the marine pyridoacridine alkaloid demethyldeoxyamphimedine. *J Org Chem*. 2014 Aug 1;79(15):7239-42. doi: 10.1021/jo501312d. Epub 2014 Jul 18. PubMed PMID: 25081029.
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