

1,2,3,4-Tetrahydro- β -carboline-1-carboxylic acid

Chemical Properties

| | |
|-------------------|--|
| CAS No. : | 6649-91-8 |
| Formula: | C ₁₂ H ₁₂ N ₂ O ₂ |
| Molecular Weight: | 216.236 |
| Storage: | Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small> |

Biological Description

| | |
|---------------|--|
| Description | 1,2,3,4-Tetrahydro- β -carboline-1-carboxylic acid is a neuroactive compound used in neurodegenerative disease research. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 4.6245 mL | 23.1225 mL | 46.2449 mL |
| 5 mM | 0.9249 mL | 4.6245 mL | 9.249 mL |
| 10 mM | 0.4624 mL | 2.3122 mL | 4.6245 mL |
| 50 mM | 0.0925 mL | 0.4624 mL | 0.9249 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

J Gynther, et al. Decarboxylation of 1,2,3,4-tetrahydro-beta-carboline-1-carboxylic acids in brain homogenate and catalysis by pyridoxal-5'-phosphate. *Biochem Pharmacol.* 1986 Aug 15;35(16):2671-5.

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