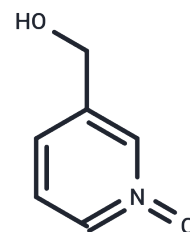


## Mepiroxol

## Chemical Properties

|                   |  |
|-------------------|--|
| CAS No. :         | 6968-72-5  |
| Formula:          | C <sub>6</sub> H <sub>7</sub> NO <sub>2</sub>            |
| Molecular Weight: | 125.13   |
| Appearance:       | no data available  |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year |



## Biological Description

|               |  |
|---------------|--|
| Description   | Mepiroxol (Lysateril), an antihyperlipidemic, is also called 3-PYRIDINEMETHANOL N-OXIDE. |
| Targets(IC50) | Others   |

## Solubility Information

|            |  |
|------------|--|
| Solubility | H <sub>2</sub> O: 199.8 mM, Sonication is recommended.<br>DMSO: 50 mg/mL (399.58 mM), Sonication is recommended.<br>( $< 1$ mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 7.9917 mL | 39.9584 mL | 79.9169 mL |
| 5 mM  | 1.5983 mL | 7.9917 mL  | 15.9834 mL |
| 10 mM | 0.7992 mL | 3.9958 mL  | 7.9917 mL  |
| 50 mM | 0.1598 mL | 0.7992 mL  | 1.5983 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.

## Reference

Robert A, et al. Dig Dis Sci. 1987 Sep;32(9):997-1003.

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