

## 1H-benzimidazole-2-carboxylic acid,methyl ester(9ci)

## Chemical Properties

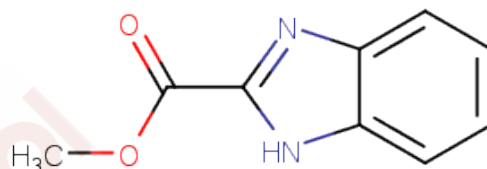
CAS No. : 5805-53-8

Formula: C<sub>9</sub>H<sub>8</sub>N<sub>2</sub>O<sub>2</sub>

Molecular Weight: 176.175

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

1H-benzimidazole-2-carboxylic acid,methyl ester(9ci) ,with CAS No. 5805-53-8, is a fragment molecule that serves as an important scaffold for molecular linking, expansion, and modification. 1H-benzimidazole-2-carboxylic acid,methyl ester(9ci) provides a structural basis and research tool for the design and screening of novel drug candidates, and is commonly used in drug discovery, drug synthesis, and related research.

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 5.676 mL  | 28.3801 mL | 56.7601 mL |
| 5 mM  | 1.1352 mL | 5.676 mL   | 11.352 mL  |
| 10 mM | 0.5676 mL | 2.838 mL   | 5.676 mL   |
| 50 mM | 0.1135 mL | 0.5676 mL  | 1.1352 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.

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