

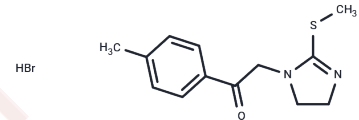
## Ethanone, 2-[4,5-dihydro-2-(methylthio)-1H-imidazol-1-yl]-1-(4-methylphenyl)-, hydrobromide (1:1)

## Chemical Properties

CAS No. : 219138-97-3

Formula: C<sub>13</sub>H<sub>16</sub>N<sub>2</sub>OS.BrH

Molecular Weight: 329.26

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

Ethanone, 2-[4,5-dihydro-2-(methylthio)-1H-imidazol-1-yl]-1-(4-methylphenyl)-, hydrobromide (1:1), with CAS No. 219138-97-3, is a fragment molecule that serves as an important scaffold for molecular linking, expansion, and modification. Ethanone, 2-[4,5-dihydro-2-(methylthio)-1H-imidazol-1-yl]-1-(4-methylphenyl)-, hydrobromide (1:1) 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  | 3.0371 mL | 15.1856 mL | 30.3711 mL |
| 5 mM  | 0.6074 mL | 3.0371 mL  | 6.0742 mL  |
| 10 mM | 0.3037 mL | 1.5186 mL  | 3.0371 mL  |
| 50 mM | 0.0607 mL | 0.3037 mL  | 0.6074 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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