

## 2-Methyl-1H-imidazole-4-carbothioamide

## Chemical Properties

CAS No. :	129486-91-5
Formula:	C <sub>5</sub> H <sub>7</sub> N <sub>3</sub> S
Molecular Weight:	141.2
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-Methyl-1H-imidazole-4-carbothioamide, with CAS No. 129486-91-5, is a fragment molecule that serves as an important scaffold for molecular linking, expansion, and modification. 2-Methyl-1H-imidazole-4-carbothioamide 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.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.0822 mL	35.4108 mL	70.8215 mL
5 mM	1.4164 mL	7.0822 mL	14.1643 mL
10 mM	0.7082 mL	3.5411 mL	7.0822 mL
50 mM	0.1416 mL	0.7082 mL	1.4164 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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