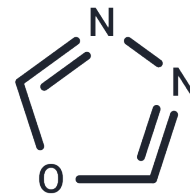


## 1,3,4-Oxadiazole

## Chemical Properties

CAS No. :	288-99-3
Formula:	C <sub>2</sub> H <sub>2</sub> N <sub>2</sub> O
Molecular Weight:	70.05
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	1,3,4-Oxadiazoles are synthetic compounds with a wide range of potential applications, including anticonvulsant, antidepressant, analgesic, anti-inflammatory, antiallergic, antipsychotic, antimicrobial, antituberculous, antitumor and antiviral activities. Derivatives of this compound are still under development to fully explore its medical potential.
Targets(IC50)	Others, Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	14.2755 mL	71.3776 mL	142.7552 mL
5 mM	2.8551 mL	14.2755 mL	28.551 mL
10 mM	1.4276 mL	7.1378 mL	14.2755 mL
50 mM	0.2855 mL	1.4276 mL	2.8551 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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