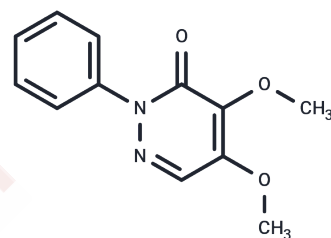


Dimidazon

Chemical Properties

CAS No. :	3295-78-1
Formula:	C ₁₂ H ₁₂ N ₂ O ₃
Molecular Weight:	232.24
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	Dimidazon (BAS 29095) is a mild electron transport inhibitor that targets photosystem II (PSII). It blocks the electron flow from the primary electron acceptor Q to photosystem I within PSII. Dimidazon holds potential for research in photosynthesis regulation and weed control.
Targets(IC50)	Photosystem (PS)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3059 mL	21.5295 mL	43.0589 mL
5 mM	0.8612 mL	4.3059 mL	8.6118 mL
10 mM	0.4306 mL	2.1529 mL	4.3059 mL
50 mM	0.0861 mL	0.4306 mL	0.8612 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481