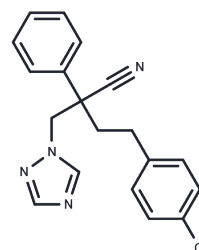


Fenbuconazole

Chemical Properties

CAS No. :	114369-43-6
Formula:	C ₁₉ H ₁₇ ClN ₄
Molecular Weight:	336.82
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	Fenbuconazole is a triazole fungicide that inhibits sterol biosynthesis to exert its antifungal effects. It acts as an inhibitor of human aromatase activity in the human choriocarcinoma cell line (JEG-3). Fenbuconazole significantly increases DNA damage in onion root tip cells and markedly raises the rate of cell abnormalities in vitro. Its ED50 values are 0.21 µg/mL for M.citri and 1.01 µg/mL for C. acutatum.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9689 mL	14.8447 mL	29.6894 mL
5 mM	0.5938 mL	2.9689 mL	5.9379 mL
10 mM	0.2969 mL	1.4845 mL	2.9689 mL
50 mM	0.0594 mL	0.2969 mL	0.5938 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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