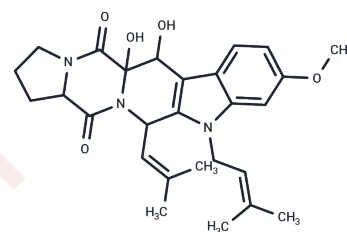


## Fumitremogin B

## Chemical Properties

CAS No. :	12626-17-4
Formula:	C <sub>27</sub> H <sub>33</sub> N <sub>3</sub> O <sub>5</sub>
Molecular Weight:	479.57
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	Fumitremogin B is a mycotoxin, it exhibits a certain degree of genotoxicity, it can cause DNA damage in human lymphocytes; it shows an inhibitory activity on the cell cycle progression of mouse tsFT210 cells in the M phase, with the MIC value of 26.1 microM. Fumitremogin B exhibits antifungal activities, it also shows significant toxicity toward brine shrimps, with the median lethal concentration (LC(50)) value of 13.6 ug/mL. Fumitremogin B possesses antifeedant activity against armyworm larvae.
Targets(IC50)	Endogenous Metabolite, Antifection, Antifungal

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0852 mL	10.426 mL	20.852 mL
5 mM	0.417 mL	2.0852 mL	4.1704 mL
10 mM	0.2085 mL	1.0426 mL	2.0852 mL
50 mM	0.0417 mL	0.2085 mL	0.417 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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