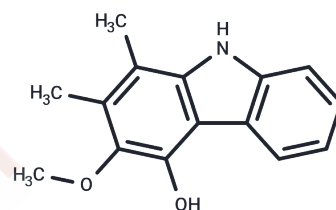


## Carbazomycin B

## Chemical Properties

CAS No. :	75139-38-7
Formula:	C <sub>15</sub> H <sub>15</sub> NO <sub>2</sub>
Molecular Weight:	241.29
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	Carbazomycin B is a bacterial metabolite found in <i>Streptomyces</i> with diverse biological activities. It exhibits activity against seven fungi, seven bacteria, <i>P. falciparum</i> , <i>C. albicans</i> , and five plant pathogenic fungi. Carbazomycin B is cytotoxic to MCF-7, KB, NCI H187, and Vero cells, and inhibits 5-lipoxygenase (5-LO) activity in RBL-1 cell extracts (IC <sub>50</sub> = 1.5 μM).
Targets(IC <sub>50</sub> )	Others, Antibacterial, Antibiotic, Lipoxygenase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1444 mL	20.722 mL	41.4439 mL
5 mM	0.8289 mL	4.1444 mL	8.2888 mL
10 mM	0.4144 mL	2.0722 mL	4.1444 mL
50 mM	0.0829 mL	0.4144 mL	0.8289 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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