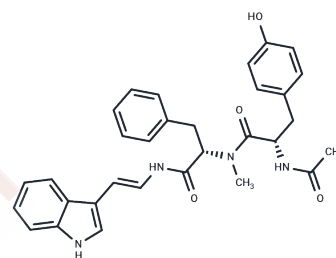


## Miyakamide B2

## Chemical Properties

CAS No. : 497182-83-9  
 Formula: C<sub>31</sub>H<sub>32</sub>N<sub>4</sub>O<sub>4</sub>  
 Molecular Weight: 524.61  
 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	Miyakamide B2 is an antibiotic with insecticidal properties. It suppresses the growth of brine shrimp and shows weak activity against Xanthomonas species. The IC <sub>50</sub> for inhibition of P388 cells by Miyakamide B2 is 7.6 µg/mL.
Targets(IC <sub>50</sub> )	Antibacterial, Antibiotic

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9062 mL	9.5309 mL	19.0618 mL
5 mM	0.3812 mL	1.9062 mL	3.8124 mL
10 mM	0.1906 mL	0.9531 mL	1.9062 mL
50 mM	0.0381 mL	0.1906 mL	0.3812 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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