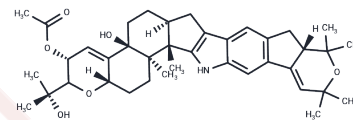


## Janthitrem G

## Chemical Properties

CAS No. :	90986-51-9
Formula:	C <sub>39</sub> H <sub>51</sub> N <sub>3</sub> O <sub>6</sub>
Molecular Weight:	629.838
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	Janthitrem G is a type of naphthopyran. Janthitrem G is obtained from <i>Penicillium janthinellum</i> . Tremorgenic mycotoxin.
Targets(IC50)	Others,Antifungal

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5877 mL	7.9385 mL	15.877 mL
5 mM	0.3175 mL	1.5877 mL	3.1754 mL
10 mM	0.1588 mL	0.7939 mL	1.5877 mL
50 mM	0.0318 mL	0.1588 mL	0.3175 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.

## Reference

Hennessy LM, Popay AJ, Finch SC, Clearwater MJ, Cave VM. Temperature and Plant Genotype Alter Alkaloid Concentrations in Ryegrass Infected with an *Epichloë* Endophyte and This Affects an Insect Herbivore. *Front Plant Sci.* 2016 Jul 29;7:1097. doi: 10.3389/fpls.2016.01097. eCollection 2016. PubMed PMID: 27524991; PubMed Central PMCID: PMC4966287.

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