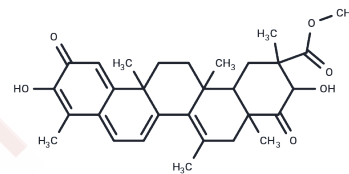


## Netzahualcoyone

## Chemical Properties

CAS No. :	87686-36-0
Formula:	C30H36O6
Molecular Weight:	492.6
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	Netzahualcoyone inhibited the respiration of intact cells of <i>B. subtilis</i> but had no effect on the respiration of <i>E. coli</i> .
Targets(IC50)	Others,Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.030 mL	10.1502 mL	20.3004 mL
5 mM	0.406 mL	2.030 mL	4.0601 mL
10 mM	0.203 mL	1.015 mL	2.030 mL
50 mM	0.0406 mL	0.203 mL	0.406 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

- Moujir L, Gutiérrez-Navarro AM, González AG, Ravelo AG, Luis JG. Mode of action of netzahualcoyone. *Antimicrob Agents Chemother.* 1991 Jan;35(1):211-3. PubMed PMID: 1901699; PubMed Central PMCID: PMC244973.
- Jeller AH, Silva DH, Lião LM, Bolzani Vda S, Furlan M. Antioxidant phenolic and quinonemethide triterpenes from *Cheiloclinium cognatum*. *Phytochemistry.* 2004 Jul;65(13):1977-82. PubMed PMID: 15280004.

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