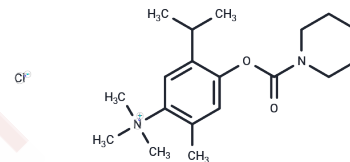


AMO-1618

## Chemical Properties

CAS No. : 2438-53-1  
 Formula: C<sub>19</sub>H<sub>31</sub>ClN<sub>2</sub>O<sub>2</sub>  
 Molecular Weight: 354.92  
 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	AMO-1618 is a growth retardant.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8175 mL	14.0877 mL	28.1754 mL
5 mM	0.5635 mL	2.8175 mL	5.6351 mL
10 mM	0.2818 mL	1.4088 mL	2.8175 mL
50 mM	0.0564 mL	0.2818 mL	0.5635 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

Qureshi AA, Abuirmeileh N, Burger WC, Din ZZ, Elson CE. Effect of AMO 1618 on cholesterol and fatty acid metabolism in chickens and rats. *Atherosclerosis*. 1983 Feb;46(2):203-16. PubMed PMID: 6838700.  
 BALDEV B, LANG A, AGATEP AO. GIBBERELLIN PRODUCTION IN PEA SEEDS DEVELOPING IN EXCISED PODS: EFFECT OF GROWTH RETARDANT AMO-1618. *Science*. 1965 Jan 8;147(3654):155-7. PubMed PMID: 14220443.

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