

## Cyclomusalenone

## Chemical Properties

CAS No.:	30452-60-9
Formula:	C <sub>30</sub> H <sub>48</sub> O
Molecular Weight:	424.71
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

## Biological Description

Description	Cyclomusalenone is a potent $\alpha$ -glucosidase inhibitor.
Targets(IC <sub>50</sub> )	$\alpha$ -glucosidase: None

## Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.355 mL	11.773 mL	23.545 mL
5 mM	0.471 mL	2.355 mL	4.709 mL
10 mM	0.235 mL	1.177 mL	2.355 mL
50 mM	0.047 mL	0.235 mL	0.471 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Inhibitors · Natural Compounds · Compound Libraries

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