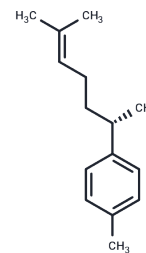


## ar-Curcumene

## Chemical Properties

CAS No. :	4176-06-1
Formula:	C <sub>15</sub> H <sub>22</sub>
Molecular Weight:	202.34
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	ar-Curcumene has antiinflammatory activity, it could be used as antiinflammatory drugs in respiratory infections. ar-Curcumene is effective as oviposition deterrents against <i>Anopheles stephensi</i> , <i>Aedes aegypti</i> , and <i>Culex quinquefasciatus</i> , it can be considered for the development of novel and effective mosquito larvicides.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.9422 mL	24.7109 mL	49.4218 mL
5 mM	0.9884 mL	4.9422 mL	9.8844 mL
10 mM	0.4942 mL	2.4711 mL	4.9422 mL
50 mM	0.0988 mL	0.4942 mL	0.9884 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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