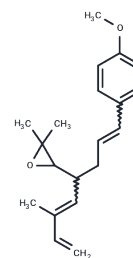


## Juvocimene II

## Chemical Properties

CAS No. :	75539-63-8
Formula:	C <sub>20</sub> H <sub>26</sub> O <sub>2</sub>
Molecular Weight:	298.42
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	Juvocimene I and II are isolated from the essential oil of sweet basil, <i>Ocimum basilicum</i> L are effective juvenile hormone mimics.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.351 mL	16.7549 mL	33.5098 mL
5 mM	0.6702 mL	3.351 mL	6.702 mL
10 mM	0.3351 mL	1.6755 mL	3.351 mL
50 mM	0.067 mL	0.3351 mL	0.6702 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

Nishida R, Bowers WS, Evans PH. Synthesis of highly active juvenile hormone analogs, juvocimene I and II, from the oil of sweet basil, *Ocimum basilicum* L. *J Chem Ecol.* 1984 Oct;10(10):1435-51. doi: 10.1007/BF00990314. PubMed PMID: 24318344.

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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481