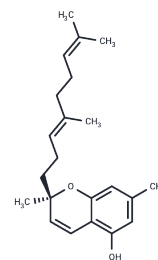


## Confluentin

## Chemical Properties

CAS No. :	585534-03-8
Formula:	C <sub>22</sub> H <sub>30</sub> O <sub>2</sub>
Molecular Weight:	326.47
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	Confluentin has antimicrobial activity against the gram-positive bacteria. Confluentin significantly inhibits compound 48/80-induced histamine release from rat peritoneal mast cells. Confluentin also shows weak cytotoxicity against four human tumor cell lines, HL-60, SMMC-7712, A-549, and MCF-7, in vitro.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0631 mL	15.3153 mL	30.6307 mL
5 mM	0.6126 mL	3.0631 mL	6.1261 mL
10 mM	0.3063 mL	1.5315 mL	3.0631 mL
50 mM	0.0613 mL	0.3063 mL	0.6126 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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