

## Zederone

**Chemical Properties**

CAS No.:	7727-79-9
Formula:	C <sub>15</sub> H <sub>18</sub> O <sub>3</sub>
Molecular Weight:	246.3
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	Zederone has anti-bacterial activity, it inhibits gram-positive bacteria activity. Zederone induces hepatotoxicity implicated the induction of Cyps, which leads to the formation of biological reactive metabolites and that cause the oxidative stress and liver cell injuries.
Targets(IC <sub>50</sub> )	Antifection: None CYP17: None NADPH-oxidase: None Nrf2: None TNF- $\alpha$ : 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	4.060 mL	20.300 mL	40.601 mL
5 mM	0.812 mL	4.060 mL	8.120 mL
10 mM	0.406 mL	2.030 mL	4.060 mL
50 mM	0.081 mL	0.406 mL	0.812 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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