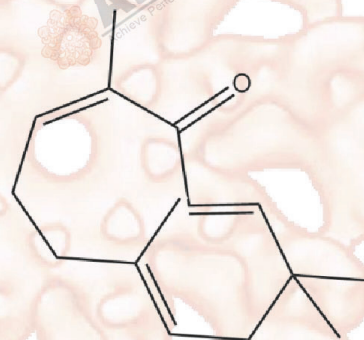


## Product Data Sheet

### Zerumbone

**Cat. No.:** B8317  
**CAS No.:** 471-05-6  
**Formula:** C<sub>15</sub>H<sub>22</sub>O  
**M.Wt:** 218.33  
**Synonyms:**  
**Target:**  
**Pathway:**  
**Storage:** Store at -20°C



### Solvent & Solubility

insoluble in H<sub>2</sub>O; ≥44.4 mg/mL in EtOH; ≥81.4 mg/mL in DMSO

In Vitro

|                              | Solvent | Mass<br>Concentration | 1mg       | 5mg        | 10mg       |
|------------------------------|---------|-----------------------|-----------|------------|------------|
|                              |         |                       |           |            |            |
| Preparing<br>Stock Solutions |         | 1 mM                  | 4.5802 mL | 22.9011 mL | 45.8022 mL |
|                              |         | 5 mM                  | 0.9160 mL | 4.5802 mL  | 9.1604 mL  |
|                              |         | 10 mM                 | 0.4580 mL | 2.2901 mL  | 4.5802 mL  |

Please refer to the solubility information to select the appropriate solvent.

### Biological Activity

Shortsummary

Zerumbone

IC<sub>50</sub> & Target

In Vitro

**Cell Viability Assay**

Preparation method:

In Vivo

**Animal experiment**

Applications:

### Product Citations

See more customer validations on [www.apexbt.com](http://www.apexbt.com).

## References

## Caution

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

*Specific storage and handling information for each product is indicated on the product datasheet. Most APEx BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.*

**APEx BIO Technology**

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