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**Product Data Sheet**

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Product Name: Curzerene

Cat. No.: GC35759

**Chemical Properties**

Cas. No. 17910-09-7

SMILES C=C([C@H]([C@@](C)(C=C)C1)CC2=C1OC=C2C)CFormula C<sub>15</sub>H<sub>20</sub>O M.Wt 216.32Solubility DMSO: 250 mg/mL  
(1155.70 mM) Storage -20°C, protect from light, stored under nitrogen, unstable in solution, ready to use.

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure **Background**

Curzerene, a sesquiterpene isolated from the rhizome of *Curculigo orchoides* Gaertn with anti-cancer activity, inhibits glutathione S-transferase A1 (GSTA1) mRNA and protein expression and induces cell apoptosis.

[1] Wang Y, et al. *Planta Med.* 2017 Jan;83(1-02):23-29.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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