

## Dehydrozingerone, Glutathione sponge

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Catalog	Unit
TBI2526-100MG	100 mg
TBI2526-500MG	500 mg

### Product Details

**Formal Name:** (E)-4-(4-Hydroxy-3-methoxyphenyl)but-3-ene-2-one

**Molecular Formula:** C<sub>11</sub>H<sub>12</sub>O<sub>3</sub>

**Formula Weight:** 192.21

**CAS Number:** 1080-12-2

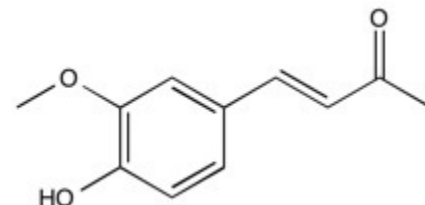
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to 25 mg/ml) or in Ethanol (up to 20 mg/ml).

**Storage:** -20°C

**Stability:** ≥ 1 year.



### Applications

Glutathione sponge

### Functions

Dehydrozingerone is a structural half analog of curcumin and is isolated from ginger rhizomes. Dehydrozingerone displays antioxidant, antibacterial and antifungal properties. It has also been shown to possess various antitumor effects and inhibit growth factor/peroxide-stimulated vascular smooth muscle function.

### Application Procedures

First dissolved in DMSO (up to 25 mg/ml) or in Ethanol (up to 20 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or Ethanol may be stored at -20°C for up to 1 month.

**For research use only.**