

## Dihydroresveratrol, Resveratrol metabolite

| Catalog      | Unit  |
|--------------|-------|
| TBI2790-5MG  | 5 mg  |
| TBI2790-25MG | 25 mg |

### Product Details

**Formal Name:** 5-[2-(4-Hydroxyphenyl)ethyl]-1,3-benzenediol; 3,4',5-trihydroxybibenzyl

**Molecular Formula:** C<sub>14</sub>H<sub>14</sub>O<sub>3</sub>

**Formula Weight:** 230.30

**CAS Number:** 58436-28-5

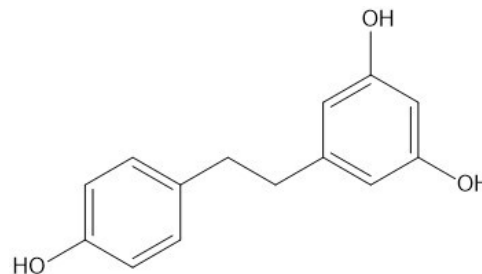
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to 40 mg/ml) or in Ethanol (up to 30 mg/ml)

**Storage:** -20°C

**Stability:** ≥ 1 year.



### Applications

Resveratrol metabolite

### Functions

Metabolite of resveratrol produced by gut microbiota. Glucuronide conjugates are found in human urine after oral intake of resveratrol-containing dietary supplements. Dihydroresveratrol glucoside is a potent melanogenesis inhibitor in B16F0 melanoma cells. Inactive analog of resveratrol in induction of premature senescence.

### Application Procedures

First dissolved in DMSO (up to 40 mg/ml) or in Ethanol (up to 30 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20° for up to 1 month.

**For research use only.**