

Catalog	Unit
TBI2475-5G	5 g
TBI2475-10G	10 g

### Product Details

**Formal Name:** (E,E)-1,7-bis(4-Hydroxy-3-methoxyphenyl)-1,6-heptadiene-3,5-dione

**Alternate Names:** Diferuloylmethane

**Molecular Formula:** C<sub>21</sub>H<sub>20</sub>O<sub>6</sub>

**Formula Weight:** 368.38

**CAS Number:** 458-37-7

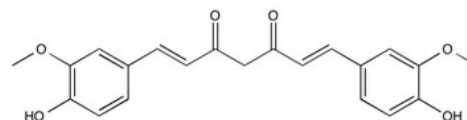
**Purity:** >90%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to 25 mg/ml)

**Storage:** RT

**Stability:** ≥ 1 year.



### Applications

Antiinflammatory natural product; Antioxidant

### Functions

Displays anti-inflammatory activity in mouse models. Inhibits lung cancer growth via regulation of angiogenesis mediated by VEGF.

### Application Procedures

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

**For research use only.**