

## Cardamonin, NFκB inhibitor

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Catalog	Unit
TBI2754-5MG	5 mg
TBI2754-25MG	25 mg

### Product Details

**Formal Name:** (2E)-1-(2,4-Dihydroxy-6-methoxyphenyl)-3-phenyl-2-propen-1-one

**Molecular Formula:** C<sub>16</sub>H<sub>14</sub>O<sub>4</sub>

**Formula Weight:** 270.29

**CAS Number:** 19309-14-9

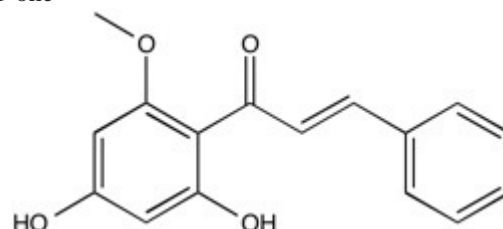
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to 25 mg/ml) or in Ethanol (up to 5 mg/ml).

**Storage:** -20°C

**Stability:** ≥ 2 years.



### Applications

NFκB inhibitor

### Functions

Inhibits NF-κB activation via inhibition of IκBα degradation and phosphorylation, IκB kinase activation and NF-κB nuclear translocation. Displays anti-inflammatory activity in various models. Cell permeable.

### Application Procedures

First dissolved in DMSO (up to 25 mg/ml) or in Ethanol (up to 5 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20° for up to 2 weeks.

**For research use only.**