

## Cedrol (+), Anticancer natural product

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Catalog	Unit
TBI4405-50MG	50 mg
TBI4405-250MG	250 mg

### Product Details

**Formal Name:** (1S,2R,5S,7R,8R)-2,6,6,8-Tetramethyltricyclo[5.3.1.0<sup>1,5</sup>]undecan-8-ol

**Molecular Formula:** C<sub>15</sub>H<sub>26</sub>O

**Formula Weight:** 222.40

**CAS Number:** 77-53-2

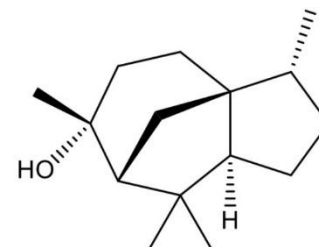
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to 10 mg/ml)

**Storage:** RT

**Stability:** ≥ 1 year.



### Applications

Anticancer natural product

### Functions

Cedrol is a sesquiterpene alcohol found in conifers mainly of the genera Cupressus, Juniperus, and Cedrus. It has been found to possess significant anticancer activity against glioblastoma in vitro and in vivo via cell growth inhibition, ROS generation, and DNA damage. Cedrol also displayed synergistic effects with temozolomide against glioblastoma in vitro and in vivo via reduced expression of drug resistance proteins. Cedrol inhibited the growth of human renal adenocarcinoma and amelanotic melanoma cells and induced autophagy and apoptosis in A549 non-small cell lung carcinoma cells.

### Application Procedures

First dissolved in DMSO (up to 10 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

**For research use only.**