

## Hypothemycin, MEK inhibitor

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Catalog	Unit
TBI2483-200UG	200 ug
TBI2483-1MG	1 mg

### Product Details

**Formal Name:** Natural product isolated from *Phoma* sp.

**Molecular Formula:** C<sub>19</sub>H<sub>22</sub>O<sub>8</sub>

**Formula Weight:** 378.37

**CAS Number:** 76958-67-3

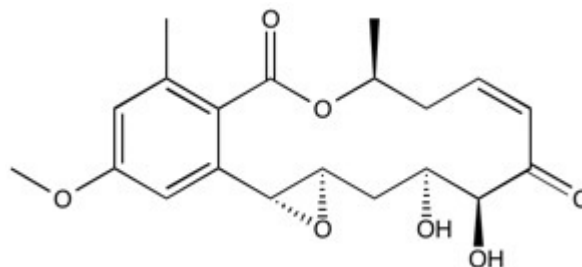
**Purity:** >98%

**Formulation:** powder

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

**Storage:** -20°C

**Stability:** ≥ 1 year.



### Applications

MEK inhibitor

### Functions

Potent and selective inhibitor of MEK. Acts via covalent binding to Cys residue. In cells, hypothemycin inhibits the MEK-ERK axis with sufficient selectivity to normalize transformed phenotypes. Inhibits TNF $\alpha$  production in LPS-stimulated macrophages.

### 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.**