

## AT-101, Bcl-2 inhibitor

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Catalog	Unit
TBI1165-10MG	10 mg
TBI1165-50MG	50 mg

### Product Details

**Alternate Names:** Gossypol R(-)

**Molecular Formula:** C<sub>30</sub>H<sub>30</sub>O<sub>8</sub>

**Formula Weight:** 518.56

**CAS Number:** 90141-22-3

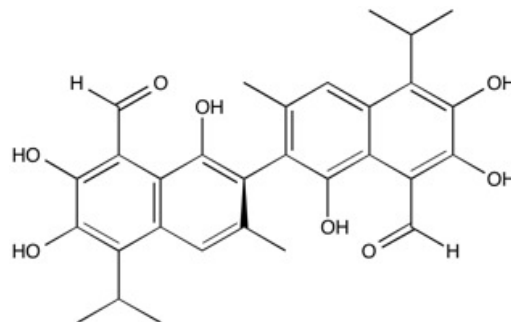
**Purity:** >98%

**Formulation:** Powder

**Solubility:** Soluble in DMSO (up to 50 mg/ml) or in Ethanol (up to 50 mg/ml).

**Storage:** -20°C

**Stability:** ≥ 2 years.



### Applications

Bcl-2 inhibitor

### Functions

A small molecule mimic of the BH3 domain of cellular Bcl-2 inhibitors which interferes with the function of Bcl-2-family antiapoptotic proteins. Induces apoptosis in drug-resistant multiple myeloma cell lines. Apoptosis is activated by the mitochondrial pathway. Cell permeable.

### Application Procedures

First dissolved in DMSO (up to 50 mg/ml) or in Ethanol (up to 50 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 1 month.

**For research use only.**