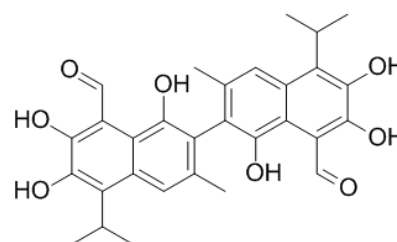


**Product Name** : Gossypol  
**Cat. No.** : PC-43513  
**CAS No.** : 303-45-7  
**Molecular Formula** : C<sub>30</sub>H<sub>30</sub>O<sub>8</sub>  
**Molecular Weight** : 518.5544  
**Target** : Bcl-2  
**Solubility** : 10 mM in DMSO



## Biological Activity

Gossypol (BL-193) is a natural phenol that permeates cells and acts as an inhibitor for several dehydrogenase enzymes such as lactate dehydrogenase, NAD-linked enzymes.

Gossypol (BL-193) is a BH3 mimetic that binds and antagonizes anti-apoptotic effect of **Bcl-2** family proteins, inhibits tumor growth in Wus1-bearing mice.

## References

Lin J, et al. *Oncol Rep.* 2013 Aug;30(2):731-8.

Cierszko A, et al. *Aquat Toxicol.* 2000,49(3):181-187.

Ferdeck PE, et al. *Cell Death Dis.* 2017 Mar 2;8(3):e2640.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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