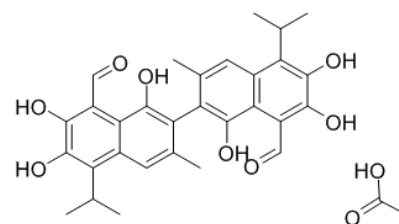


Product Name : Gossypol acetic acid
Cat. No. : PC-45314
CAS No. : 12542-36-8
Molecular Formula : C₃₂H₃₄O₁₀
Molecular Weight : 578.6064
Target : Bcl-2
Solubility : 10 mM in DMSO



Biological Activity

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

Gossypol acetic acid 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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