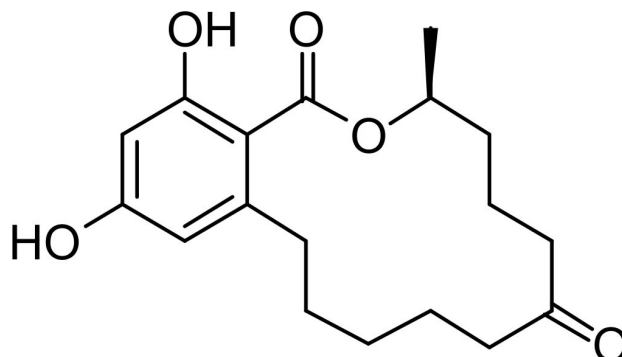


Zearalanone

Code No.: BIA-Z1440

Pack sizes.: 1mg, 5mg



Synonyms:

(S)-Zearalanone, P 1502, Zanone

Specifications

CAS #	: 5975-78-0
Molecular Formula	: C ₁₈ H ₂₄ O ₅
Molecular Weight	: 320.4
Source	: -
Appearance	: White solid
Purity	: >99% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.

Application Notes

Zearalanone is a minor component of the zearalenone complex produced by several species of *Fusarium*. Like the more abundant analogues, zearalanone causes estrogenic effects in domestic livestock. Zearalanone is a metabolite of α -zearalanol, a commercially available growth promotant in animals, and is a useful standard for detection of zearanol-contaminated products and *Fusarium*-contaminated grains.

References

1. Metabolism of zearalenone by *Fusarium roseum graminearum*. Steele J.A. et al., *J. Agr. Food Chem.* 1976, 24, 89.
2. Zearanol metabolism by subcellular fractions from lamb liver. Pompa G. et al., *J. Vet. Pharmacol. Ther.* 1988, 11, 197.