Zearalanone

Specifications

- **Synonyms**: (S)-Zearalanone, P 1502, Zanone

**Specifications**

- **CAS #**: 5975-78-0
- **Molecular Formula**: C_{18}H_{24}O_{5}
- **Molecular Weight**: 322.4
- **Source**: Semi-synthetic
- **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**