Zearalanone

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