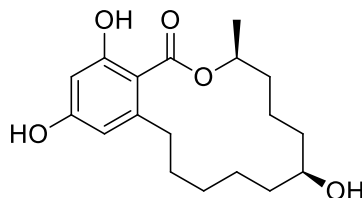


β-Zearalanol

Code No.: **BIA-Z1410**

Pack sizes: **1 mg, 5 mg**



Synonyms : Taleranol, beta-Zearanol, beta-Zeranol

Specifications

CAS #	: 42422-68-4
Molecular Formula	: C ₁₈ H ₂₆ O ₅
Molecular Weight	: 322.4
Source	: Semi-synthetic
Appearance	: White solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.

Application Notes

β-Zearalanol is a minor analogue of the zearalenone family of resorcinylic macrocyclic lactones, produced by several species of *Fusarium*. Like the other zearalenones, β-zearalanol exhibits estrogenic activity in animals. β-Zearalanol was investigated as a growth promotant for animals but did not advance to commercialisation.

References

1. Production of zearalenone, α- and β-zearalenol, and α- and β-zearalanol by *Fusarium* spp. in rice culture. Richardson K.E. J. Agr. Food Chem. 1985, 33, 862.