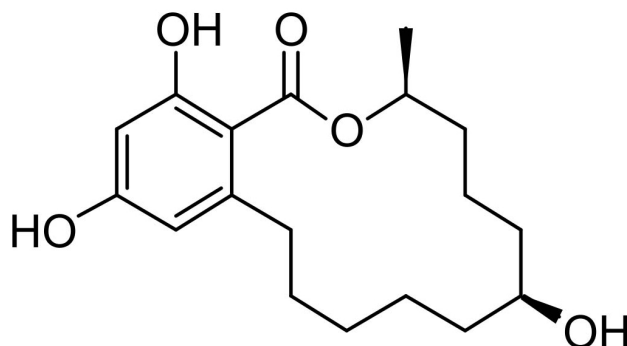


## Zearalanol, $\beta$ -

Code No.: BIA-Z1410

Pack sizes.: 1mg, 5mg



### Synonyms:

Taleranol, beta-Zearanol, beta-Zeranol

## Specifications

CAS #	: <b>42422-68-4</b>
Molecular Formula	: <b>C<sub>18</sub>H<sub>26</sub>O<sub>5</sub></b>
Molecular Weight	: <b>322.4</b>
Source	: -
Appearance	: <b>White solid</b>
Purity	: <b>&gt;99% by HPLC</b>
Long Term Storage	: <b>-20°C</b>
Solubility	: <b>Soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.</b>

## Application Notes

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

## References

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