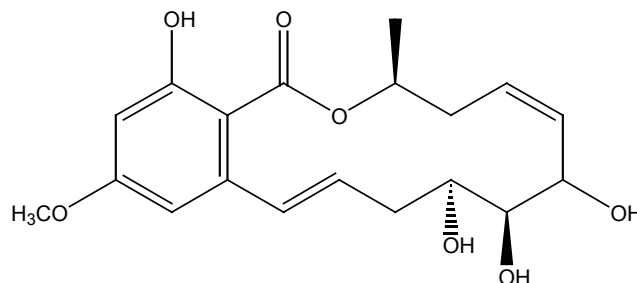


## Antibiotic LL Z1640-4

Code: BIA-L1161

Pack sizes: 1 mg, 5 mg



Synonyms : **Zeaenol**

### Specifications

CAS # : **66018-41-5**  
Molecular Formula : **C<sub>19</sub>H<sub>24</sub>O<sub>7</sub>**  
Molecular Weight : **364.4**  
Source : ***Curvularia* sp. MST-FP2097**  
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

Antibiotic LL Z1640-4 is a cis-enol resorcylic acid lactone first reported in 1978 exhibiting both antiviral and antiprotozoan activity. More recently, antibiotic LL Z1640-2 containing the essential cis-enone system that selectively inhibits TAK 1 has gained literature focus. With its inactive cis-enol, Antibiotic LL Z1640-4 is an ideal negative control to help dissect the selectivity of the MAP kinases.

### References

1. New zearalenone related macrolides and isocoumarins from an unidentified fungus. Ellestad G. A. et al. J., Org. Chem. **1978**, 43, 2339.