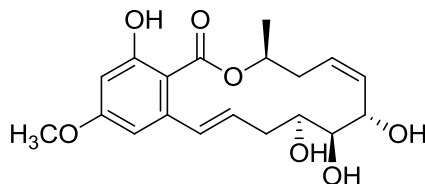


LL Z1640-4

Code No.: **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	: <i>Curvularia</i> sp.
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

LL Z1640-4 is a cis-enol resorcylic acid lactone first reported in 1978 exhibiting both antiviral and antiprotozoan activity. More recently, LL Z1640-2, containing the essential cis-enone system that selectively inhibits TAK 1, has gained literature focus. With its "inactive" cis-enol, 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.

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