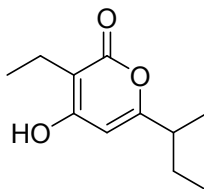


Germicidin A

Code: **BIA-G1282**

Pack sizes: 1 mg, 5 mg



Synonyms : -

Specifications

CAS #	: 150973-78-7
Molecular Formula	: C₁₁H₁₆O₃
Molecular Weight	: 182.2
Source	: <i>Streptomyces</i> sp.
Appearance	: Pale yellow residue
Purity	: >95%
Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO. Moderate water solubility.

Application Notes

Germicidin A is a pyranone isolated from *Streptomyces* sp. in 1993. Germicidin A is an extremely potent autoregulator of the sporulation of the producing strain and spores of closely related species. Inhibition is detected down to 0.1 ng/ml and is orders of magnitude more potent than a diverse range of antibiotics.

References

1. Germicidin, an autoregulative germination inhibitor of *Streptomyces viridochromogenes* NRRL B-1551. Petersen F. et al. J. Antibiot. 1993, 46, 1126.