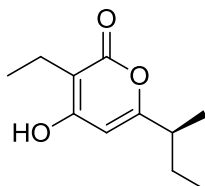


## Germicidin A

Code No.: **BIA-G1282**

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



Synonyms :

### Specifications

CAS #	:	<b>151271-57-7</b>
Molecular Formula	:	<b>C<sub>11</sub>H<sub>16</sub>O<sub>3</sub></b>
Molecular Weight	:	<b>196.2</b>
Source	:	<b><i>Streptomyces</i> sp.</b>
Appearance	:	<b>Light tan solid</b>
Purity	:	<b>&gt;95% by HPLC</b>
Long Term Storage	:	<b>-20°C</b>
Solubility	:	<b>Soluble in ethanol, methanol, DMF or DMSO. Moderate water solubility.</b>

### 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 at 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.