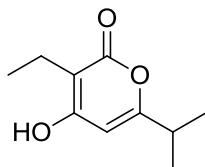


## Germicidin B

Code No.: **BIA-G1283**

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



Synonyms :

### Specifications

|                   |   |
|-------------------|---|
| CAS #             | : 150973-78-7   |
| Molecular Formula | : C <sub>10</sub> H <sub>14</sub> O <sub>3</sub>                        |
| Molecular Weight  | : 182.2   |
| Source            | : <i>Streptomyces</i> sp.   |
| Appearance        | : Light tan solid   |
| Purity            | : >95% by HPLC  |
| Long Term Storage | : -20°C   |
| Solubility        | : Soluble in ethanol, methanol, DMF or DMSO. Moderate water solubility. |

### Application Notes

Germicidin B is a pyranone isolated from *Streptomyces* sp. Germicidin B is a 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.