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| <b>Product Name:</b>       | Germicidin B  |
| <b>Product Number:</b>     | G054  |
| <b>CAS Number:</b>         | 151271-57-7   |
| <b>Molecular Formula:</b>  | $C_{10}H_{14}O_3$   |
| <b>Molecular Weight:</b>   | 182.2   |
| <b>Appearance:</b>         | Light tan solid   |
| <b>Storage Conditions:</b> | -20°C   |
| <b>Description:</b>        | <p>Germicidin B is a pyranone isolated from <i>Streptomyces</i> 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.</p> <p>Germicidin B is soluble in ethanol, methanol, DMF or DMSO. Moderate water solubility.</p> |
| <b>References:</b>         | <p>Germicidin, an autoregulative germination inhibitor of <i>Streptomyces viridochromogenes</i> NRRL B-1551. Petersen, F. et al. J. Antibiot. 1993, 46, 1126.</p>   |