

Product Name:	Germicidin A
Product Number:	G053
CAS Number:	150973-78-7
Molecular Formula:	C ₁₁ H ₁₆ O ₃
Molecular Weight:	196.2
Appearance:	Light tan solid
Storage Conditions:	-20°C
Description:	<p>Germicidin A is a pyranone isolated from <i>Streptomyces</i> 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.</p> <p>Germicidin A is soluble in ethanol, methanol, DMF or DMSO. Moderate water solubility.</p>
References:	<p>Germicidin, an autoregulative germination inhibitor of <i>Streptomyces viridochromogenes</i> NRRL B-1551. Petersen F. et al. J. Antibiot. 1993, 46, 1126.</p>