

Product Name	: Dihydropinosylvin
Synonyms	: —
Cat No.	: M23619
CAS Number	: 14531-52-3
Molecular Formula	: C ₁₄ H ₁₄ O ₂
Formula Weight	: 214.3
Chemical Name	: —
Description	: Dihydropinosylvin is a phytoalexin, it shows antifungal activity against <i>Cladosporium cladosporioides</i> , <i>Botryodiplodia theobromae</i> , <i>Aspergillus niger</i> and <i>Penicillium schlerotgenum</i> , it also exhibits strong antibacterial activity against <i>Bacillus cereus</i> , <i>Staphylococcus aureus</i> , <i>Pseudomonas aeruginosa</i> and <i>Escherichia coli</i> . Dihydropinosylvin and batatasin IV can inhibit the germination of seeds of and root elongation in young seedlings of <i>Sorghum bicolor</i> .
Pathway	: Microbiology/Virology
Target	: Antifection
Receptor	: Anti-infection
Solubility	: —
SMILES	: <chem>Oc1cc(CCc2ccccc2)cc(O)c1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Induction of pal activity and dihydrostilbene phytoalexins in *Dioscorea alata* and their plant growth inhibitory properties *Phytochemistry*, 1989, 28(10):2621-5.