

**BVT-0337**

BVT-0337-C500 500 µg  
BVT-0337-M001 1 mg

Formula C<sub>22</sub>H<sub>36</sub>O<sub>5</sub>  
MW 380.5  
CAS 51103-57-2  
Merck Index  
RTECS

**Handling / Storage**

Shipping Ambient  
Short Term Storage +4°C  
Long Term Storage -20°C

Protect from light when in solution.

**Use / Stability**

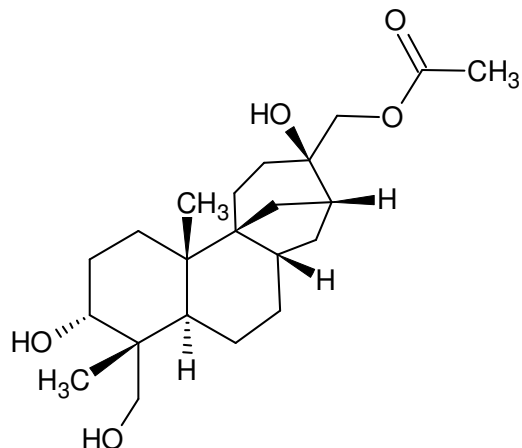
Store, as supplied, at -20°C for up to 1 year. Store solutions dark and at -20°C.

**Hazard / Toxicity**

MSDS available upon request.

**Aphidicolin 17-acetate**

*17-O-Acetylaphidicolin*



**Product Specifications**

Source/Host Isolated from *Phoma sp. BS 7210*.  
Purity Detail >96% (HPLC, <sup>1</sup>H-NMR)  
Appearance White to off-white solid.  
Solubility Soluble in DMSO, methanol

**Other Product Data**

Identity Determined by <sup>1</sup>H-NMR.

Date: 15-Oct-2014

**WARNING:** Intended for research use only. This product is not intended or approved for human, diagnostics, therapeutic or veterinary use. Use of this product for human or animal testing is extremely hazardous and may result in disease, severe injury, or death. **MATERIAL SAFETY DATA:** Review the complete Material Safety Data Sheet before use.

### Product Description

- Phytotoxin (inhibits root growth of seeding).
- Inhibitor of DNA polymerase and synthesis.

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### Product Specific References

1. *3-Deoxyaphidicolin and aphidicolin analogues as phytotoxin from Phoma betae*: A. Ichihara, et al.; *Agric. Biol. Chem.* **48**, 1687 (1984)
2. *Aphidicolin synthetic studies: a stereocontrolled end game*: C. Rizzo, et al.; *J. Chem. Soc.* **5**, 969 (1991)
3. *Metabolites from Phoma sp. 7210, associated with Aizoon canariense*: J. Dai et al.; *Nat. Prod. Comm.*, **5**, 1175 (2010)

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