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# DATASHEET

Swinholide A

## Product overview

<b>Name</b>	Swinholide A
<b>Cat No</b>	HB4100
<b>Purity</b>	>97%
<b>Description</b>	Actin filament inhibitor. Disrupts actin cytoskeleton.

## Biological Data

<b>Biological description</b>	Cell permeable dimeric dilactone macrolide. Cytotoxic compound. Specific actin filament (F-actin) inhibitor. Disrupts the actin cytoskeleton by sequestering actin dimers and rapidly severing actin filaments (F-actin). Depolymerizes actin filaments (F-actin). Antifungal. Apoptosis inducer. Alters the actin cytoskeleton of GH4 cells and inhibits insulin-increased prolactin gene transcription.
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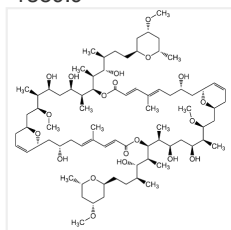
## Solubility & Handling

<b>Storage instructions</b>	+4 °C
<b>Important</b>	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

## Chemical Data

**Molecular Weight**  
**Chemical structure**

1389.9



**CAS Number**  
**InChiKey**  
**Appearance**

95927-67-6  
RJVBVECTCMRNFV-VGHOFLLQSA-N  
Colorless oil