Hello Bio, Inc. 304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500 F. 609-228-4994

customercare-usa@hellobio.com



DATASHEET

Swinholide A

Product overview

Name Swinholide A HB4100 Cat No **Purity** >97%

Description Actin filament inhibitor. Disrupts actin cytoskeleton.

Biological Data

Biological description 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. Alterates the actin cytoskeleton of GH4 cells and inhibits insulin-increased prolactin gene transcription.

Solubility & Handling

Storage instructions

+4°C

Storage of solutions Prepare and use solutions on the same day if possible. Store solutions at -20°C for up to one month if storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

Shipping Conditions

Important

Stable for ambient temperature shipping. Follow storage instructions on receipt.

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 95927-67-6

CAS Number InChiKey

RJVBVECTCMRNFG-VGHOFLFQSA-N

Appearance Colorless oil