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

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

customercare-usa@hellobio.com



DATASHEET

Nargenicin A1

Product overview

 Name
 Nargenicin A1

 Cat No
 HB3989

 Purity
 >98%

Description Antibiotic effective against gram-positive bacteria

Biological Data

Biological description Antibiotic against Gram-positive bacteria, particularly Staphylococcus and Clostridia. More effective

against multi-resistant strains (MRSA) than erythromycin and vancomycin. Inhibits cell proliferation and induces HL-60 cell differentiation in combination with 1,25-Dihydroxyvitamin-D3 and ATRA.

Displays low cytotoxicity compared to erythromycin and spiramycin.

Solubility & Handling

Storage instructions
Storage of solutions

+4°C

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.

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

Shipping Conditions

Important

Molecular Weight Chemical structure CAS Number PubChem identifier

InChiKey

SMILES

CO[C@@H]1C[C@H]2C=C[C@H]3[C@H]4O[C@@]2([C@@H]3[C@H](O)[C@@H](C)[C@H]4OC(

=O)c5[nH]ccc5)\C(=C\[C@@H](C)[C@@H](OC1=O)C(C)O)C

YEUSSARNQQYBKH-SIMZXIQRSA-N

Appearance Off-white powder