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DATASHEET

Aranorosin

Product overview

 Name
 Aranorosin

 Cat No
 HB3768

 Purity
 >95%

Description Antibiotic with antibacterial, anticancer and antifungal activity

Biological Data

Biological description Antibiotic. Antibioterial. Antifungal. Anticancer compound. Inhibits anti-apoptotic functions regulated

by Bcl-2. Circumvents arbekacin (ABK)-resistance in MRSA by inhibiting the bifunctional enzyme

AAC(6')/APH(2").

Solubility & Handling

Storage instructions +4°

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

Important 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 419.5

CAS Number

PubChem identifier

 $\begin{tabular}{ll} \textbf{SMILES} & CCCCCC[C@@H](C)/C=C(C)/C=C/C(=O)NC1CC2(OC1O)[C@@H]3O[C@@H]3C(=O)[C@@H]4O(C)/C=C(C)/C=C/C(=O)NC1CC2(OC1O)[C@@H]3O[C@@H]3O[C@@H]3O(C)/C=C/C(=O)NC1CC2(OC1O)[C@@H]3O[C]/C=C/C(=O)NC1CC2(OC1O)[C]/C=C/C(OC1O)[C]/C=C/C(OC1O)[C]/C=C/C(OC1O)[C]/C=C/C(OC1O)[C]/C=C/C(OC1O)[C]/C=C/C(OC1O)[C]/C=C/C(OC1O)[C]/C=C/C(OC1O)[C]/C=C/C(OC1O)[C]/C=C/C(OC1O)[C]/C=C/C(OC1O)[C]/C=C/C(OC1O)[C]/C=C/C(OC1O)[C]/C$

[C@H]24

InChiKey JHTWWPWUODMKEO-PHJKOLFRSA-N

Appearance White solid