
Product Data Sheet

Product Name: A-83016F

Cat. No.: GC18936

Chemical Properties

Cas. No. 142435-72-1

Chemical
Name N/A

SMILES C/C=C\C=C\C[C@@H]1O[C@@]([C@H](CC)C(NC/C=C/C=C(C)/[C@@H](OC)[C@@H](C)[C@@]2([H])C[C@@H](O)[C@@H](/C=C/C=C/C=C/C(O)=O)O2)=O)(O)[C@H](O)[C@H](O)C1(C)C

Formula C₃₇H₅₅NO₁₀ M.Wt 673.8

Solubility DMF: soluble,DMSO: soluble,Ethanol: soluble Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

A-83016F is an aurodox antibiotic isolated from the actinomycete species A83016. It has weak activity against *S. pneumoniae* PARK, *S. pyogenes*, and *H. influenzae* with MIC values of 16, 32, and 64 µg/ml, respectively, in a broth dilution assay.

Caution: Product has not been fully validated for medical applications. For research use only.

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