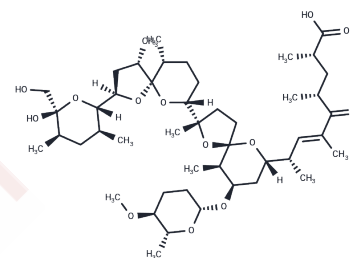


A-130A

Chemical Properties

CAS No. : 51257-84-2
 Formula: C₄₇H₇₈O₁₃
 Molecular Weight: 851.11
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	A-130A is a polycyclic polyether compound belonging to the nigericin group of antibiotics generated by <i>Streptomyces hygroscopicus</i> strain.
Targets(IC50)	Others,CDK,ROS,Wnt/beta-catenin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1749 mL	5.8747 mL	11.7494 mL
5 mM	0.235 mL	1.1749 mL	2.3499 mL
10 mM	0.1175 mL	0.5875 mL	1.1749 mL
50 mM	0.0235 mL	0.1175 mL	0.235 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Mizoue K, Seto H, Mizutani T, Yamagishi M, Kawashima A, Omura S, Ozeki M, Otake N. Studies on the ionophorous antibiotics. XXV. The assignments of the ¹³C-NMR spectra of dianemycin and lenoremycin. *J Antibiot (Tokyo)*. 1980 Feb;33(2):144-56. PubMed PMID: 7380725.

Shaaban KA, Saunders MA, Zhang Y, Tran T, Elshahawi SI, Ponomareva LV, Wang X, Zhang J, Copley GC, Sunkara M, Kharel MK, Morris AJ, Hower JC, Tremblay MS, Prendergast MA, Thorson JS. Spoxazomicin D and Oxachelin C, Potent Neuroprotective Carboxamides from the Appalachian Coal Fire-Associated Isolate *Streptomyces* sp. RM-14-6. *J Nat Prod*. 2017 Jan 27;80(1):2-11. doi: 10.1021/acs.jnatprod.6b00948. Epub 2016 Dec 28. PubMed PMID: 28029795; PubMed Central PMCID: PMC5337259.

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