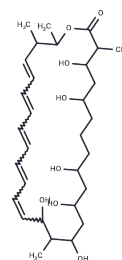


AB023a

Chemical Properties

CAS No. : 141443-39-2
 Formula: C₃₁H₅₀O₈
 Molecular Weight: 550.72
 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	AB023a is an antibiotic with antifungal properties.
Targets(IC50)	Others,Antibiotic,Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8158 mL	9.079 mL	18.158 mL
5 mM	0.3632 mL	1.8158 mL	3.6316 mL
10 mM	0.1816 mL	0.9079 mL	1.8158 mL
50 mM	0.0363 mL	0.1816 mL	0.3632 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

Bortolo R, Spera S, Gugliemetti G, Cassani G. AB023, novel polyene antibiotics. II. Isolation and structure determination. J Antibiot (Tokyo). 1993 Feb;46(2):255-64. PubMed PMID: 8468240.

Cidaria D, Borgonovi G, Pirali G. AB023, novel polyene antibiotics. I. Taxonomy of the producing organism, fermentation and antifungal activity. J Antibiot (Tokyo). 1993 Feb;46(2):251-4. PubMed PMID: 8468239.

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