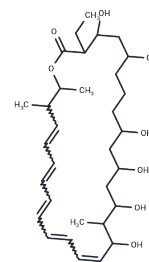


AB023b

Chemical Properties

CAS No. : 141443-40-5
 Formula: C₃₂H₅₂O₈
 Molecular Weight: 564.76
 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	AB023b is an antibiotic with antifungal properties.
Targets(IC50)	Others,Antibiotic,Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7707 mL	8.8533 mL	17.7066 mL
5 mM	0.3541 mL	1.7707 mL	3.5413 mL
10 mM	0.1771 mL	0.8853 mL	1.7707 mL
50 mM	0.0354 mL	0.1771 mL	0.3541 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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