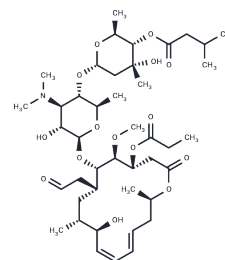


YL 704 A1

Chemical Properties

CAS No. : 40615-47-2
 Formula: C₄₃H₇₁NO₁₅
 Molecular Weight: 842.033
 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	YL 704 A1 is a primary component of macrolide antibiotic YL-704 from <i>Streptomyces platensis</i> subsp. <i>malvinus</i> .
Targets(IC50)	Others,Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1876 mL	5.938 mL	11.8761 mL
5 mM	0.2375 mL	1.1876 mL	2.3752 mL
10 mM	0.1188 mL	0.5938 mL	1.1876 mL
50 mM	0.0238 mL	0.1188 mL	0.2375 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

Kinumaki A, Takamori I, Sugawara Y, Suzuki M, Okuda T. Studies on the macrolide antibiotic YL-704 complex. 3. The structures of new macrolide antibiotics YL-704 A1 and B1. *J Antibiot (Tokyo)*. 1974 Feb;27(2):107-16. PubMed PMID: 4826084.

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