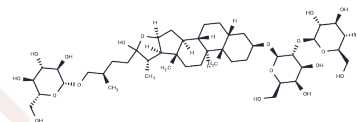


Ys-II

Chemical Properties

CAS No. : 897386-27-5
 Formula: C₄₅H₇₆O₁₉
 Molecular Weight: 921.07
 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	Compound 1 (Ys-II) is a spirostanol glycoside extracted from the stem of Yucca elephantipes, exhibiting antifungal properties by inhibiting Candida albicans and Cryptococcus neoformans growth with IC ₅₀ values of 5 and 6 µg/mL, respectively [1].
Targets(IC ₅₀)	Others,Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0857 mL	5.4285 mL	10.8569 mL
5 mM	0.2171 mL	1.0857 mL	2.1714 mL
10 mM	0.1086 mL	0.5428 mL	1.0857 mL
50 mM	0.0217 mL	0.1086 mL	0.2171 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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