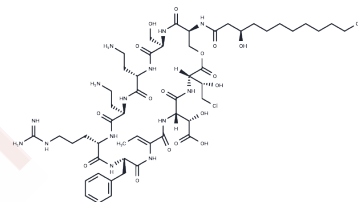


## Syringomycin E

## Chemical Properties

CAS No. :	124888-22-8
Formula:	C <sub>53</sub> H <sub>85</sub> ClN <sub>14</sub> O <sub>17</sub>
Molecular Weight:	1225.78
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Syringomycin E, an antifungal cyclic lipodepsinonapeptide, inhibits the growth of <i>Saccharomyces cerevisiae</i> by interacting with the plasma membrane. It induces K <sup>+</sup> efflux, Ca <sup>2+</sup> influx, and alterations in membrane potential, associated with channel formation [1] [2].
Targets(IC50)	Antifungal

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8158 mL	4.079 mL	8.1581 mL
5 mM	0.1632 mL	0.8158 mL	1.6316 mL
10 mM	0.0816 mL	0.4079 mL	0.8158 mL
50 mM	0.0163 mL	0.0816 mL	0.1632 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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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481