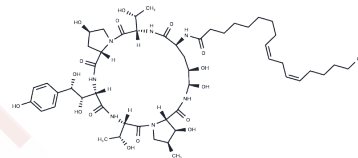


## Echinocandin B

## Chemical Properties

CAS No. :	54651-05-7
Formula:	C <sub>52</sub> H <sub>81</sub> N <sub>7</sub> O <sub>16</sub>
Molecular Weight:	1060.24
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	Echinocandin B is a cyclic hexapeptide echinocandin antibiotic from <i>Aspergillus nidulans</i> var. <i>echinulatus</i> . It attacks the cell wall of fungi by inhibiting beta-1,3-glucan synthesis.
Targets(IC50)	Others,Endogenous Metabolite,Antibiotic,Antifungal

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9432 mL	4.7159 mL	9.4318 mL
5 mM	0.1886 mL	0.9432 mL	1.8864 mL
10 mM	0.0943 mL	0.4716 mL	0.9432 mL
50 mM	0.0189 mL	0.0943 mL	0.1886 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

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