

N-563

Chemical Properties

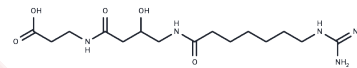
CAS No. : 140686-92-6

Formula: C₁₅H₂₉N₅O₅

Molecular Weight: 359.42

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 | N-563 promotes resistance to Candida albicans infection in mice |
| Targets(IC50) | Others,Antifungal |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.7823 mL | 13.9113 mL | 27.8226 mL |
| 5 mM | 0.5565 mL | 2.7823 mL | 5.5645 mL |
| 10 mM | 0.2782 mL | 1.3911 mL | 2.7823 mL |
| 50 mM | 0.0556 mL | 0.2782 mL | 0.5565 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

Aoyagi K. et al. The novel immunostimulant N-563, an analogue of deoxyspergualin, promotes resistance to Candida albicans infection in mice. The Journal of Antibiotics. Oct;47(10):1077-83. doi:10.7164/antibiotics.47.1077 (1994)

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