



LKT Laboratories, Inc.

Micafungin Sodium

Phone: 888-558-5227
651-644-8424
Fax: 888-558-7329
Email: getinfo@lktlabs.com
Web: lktlabs.com

Product Information

Product ID M324081

CAS No. 208538-73-2

Chemical Name Micafungin Sodium

Synonym Funguard; Mycamine; FK 463; Micafungin Na; FK463 Sodium; Micafungin sodium salt; FK-463

Formula $C_{56}H_{70}N_9NaO_{23}S$

Formula Wt. 1292.3

Melting Point

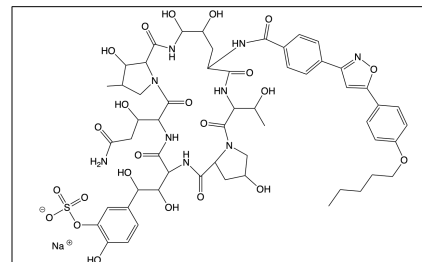
Purity $\geq 98\%$

Solubility

Store Temp $-20^{\circ}C$

Ship Temp Ambient

Description Micafungin, an echinocandin, exhibits fungicidal and fungistatic activities through the inhibition of 1,3-beta-D-glucan synthesis. It was also found to have antiviral effects against various viruses including the coronavirus SARS-CoV-2 and its variants.



Bulk quantities available upon request

Product ID	Size
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M324081	5 mg
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M324081	25 mg
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M324081	100 mg
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References J J Vehreschild and O A Cornely, Micafungin sodium, the second of the echinocandin class of antifungals: theory and practice. Future Microbiol. 2006, 1:161-70.

D Cappelletty and K Eiselstein-McKittrick, The echinocandins. Pharmacotherapy 2007, 27:369-88.

S Nakajima, H Ohashi, D. Akazawa, et al. Antiviral Activity of Micafungin and Its Derivatives against SARS-CoV-2 RNA Replication. Viruses. 2023 15:452.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.