

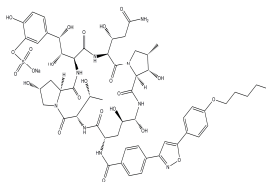
PRODUCT: Micafungin sodium

ALTERNATE NAME: Sodium Pneumocandin A0, 1-((4R,5R)-4,5-dihydroxy-N2-(4-(5-(4-(pentyloxy)phenyl)-3-isoxazolyl)benzoyl]-L-ornithine)-4-((4S)-4-hydroxy-4-(4-hydroxy-3-(sulfooxy)phenyl)-L-threonine)- ; Mycamine, FK-463, Funguard, FK463

CATALOG #: 2585-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₅₆H₇₀N₉NaO₂₃S

MOLECULAR WEIGHT: 1292.26

CAS No. 208538-73-2

APPEARANCE: White to off-white solid

SOLUBILITY: H₂O (>200 mg/ml)

PURITY: ≥95%

STORAGE: Store at -20°C. Protect from air and moisture

DESCRIPTION: Micafungin is an antifungal drug that belongs to the antifungal class of compounds known as echinocandins and exerts its effect by inhibiting the synthesis of 1,3-beta-D-glucan, an integral component of the fungal cell wall.

REFERENCES: Fujie, A. (2007). *Pure Appl. Chem.* **79**, 603-614.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Amphotericin B (Cat. No. 2497-250, 1G, 5G)
 Ampicillin trihydrate (Cat. No. 2483-1 G, 5G, 25 G)
 Ampicillin sodium (Cat. No. 2484-1G, 5G, 25G)
 EZSolution™ Ampicillin sodium (Cat. No. 2499-10)
 Betulinic Acid (Cat. No. 1552-25)
 Bexarotene (Cat. No. 1575-5, 50)
 Blasticidin S, Hydrochloride (Cat. No. 1859-25,100)
 Capecitabine (Cat. No. 1741-100, 1000)
 Carboplatin (Cat. No. 1553-100)
 Caspofungin acetate (Cat. No. 2584-5, 25)
 Chloramphenicol (Cat. No. 2486-25G, 100G, 500G)
 Cisplatin (Cat. No. 1550-100,1000)
 Cycloheximide (Cat. No. 1041-1G, 5G)
 Cycloheximide (100 mM) (Cat. No. 1041-1)
 Daptomycin (Cat. No. 2582-10, 50)
 Daunorubicin.HCl (1524-10,50,500)
 Doxorubicin HCl (Cat. No. 1527-5)
 Fludarabine Phosphate (Cat. No. 1763-10, 50)
 G-418 Sulfate (Cat. No. 1557-100, 5G, 25G)
 Gemcitabine Hydrochloride (Cat. No. 1759-25, 100)
 Genistein (Cat. No. 1533-10)
 Nedaplatin (Cat. No. 1576-5)
 Oxaliplatin (Cat. No. 1577-25)
 Paclitaxel (Cat. No. 1567-25)
 Penicillin G sodium (Cat. No. 2503-100, 500)
 Penicillin G potassium (Cat. No. 2504-25, 100)
 Polymyxin B Sulfate (Cat. No. 2496-10, 50, 100)
 Puromycin DiHydrochloride (Cat. No. 1860-25, 100, 250, 500,1000)
 EZSolution™ Puromycin Dihydrochloride (Cat. No. 1861-100)
 Streptozocin (Cat. No. 1930-100, 500, 1000)
 Tamoxifen Citrate (Cat. No. 1551-1000)

USAGE: **FOR RESEARCH USE ONLY! Not to be used in humans.**