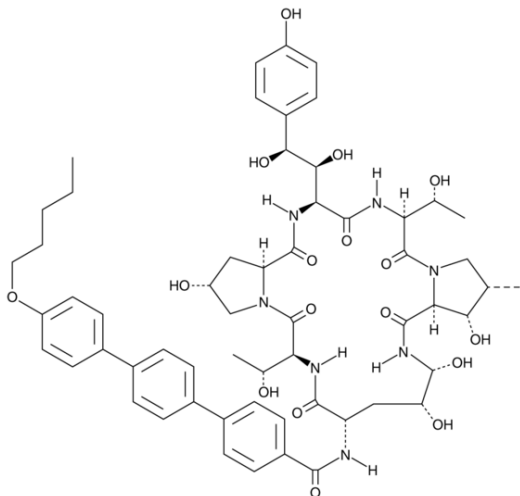


Anidulafungin

ALTERNATE NAMES: N-[(3S,6S,9S,11R,15S,18S,20R,21R,24S,25S,26S)-6-[(1S,2S)-1,2-dihydroxy-2-(4-hydroxyphenyl)ethyl]-11,20,21,25-tetrahydroxy-3,15-bis[(1R)-1-hydroxyethyl]-26-methyl-2,5,8,14,17,23-hexaoxa-1,4,7,13,16,22-hexazatricyclo[22.3.0.0^{9,13}]heptacosan-18-yl]-4-[4-(4-pentoxyphenyl)phenyl]benzamide; Eraxis; Ecalta; LY303366; 1-[(4R,5R)-4,5-dihydroxy-N2-[[4''-(pentyloxy)[1,1':4',1''-terphenyl]-4-yl]carbonyl]-L-ornithine]-echinocandin B

CATALOG #: B2966-5 5 mg
B2966-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₅₈H₇₃N₇O₁₇

MOLECULAR WEIGHT: 1140.24

CAS NUMBER: 166663-25-8

APPEARANCE: Solid

PURITY: ≥95%

SOLUBILITY: ~10 mg/ml in DMSO and DMF

DESCRIPTION: Anidulafungin is an echinocandin antifungal drug. It inhibits (1→3)-β-D-glucan synthase which is required for synthesis of the fungal cell wall. It shows potent in vitro activity against *Aspergillus* and *Candida* species (MIC₅₀ of 0.03 to 4 μg/ml), including those resistant to fluconazole or amphotericin B. It is effective in treating esophageal candidiasis in clinical trials and has an excellent safety profile.

STORAGE TEMPERATURE: -20°C. Protect from air. Store under desiccating conditions.

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

REFERENCES: Vazquez, J.A., and Sobel, J.D. Anidulafungin: A novel echinocandin. *Clin. Infect. Dis.* 43(2), 215-222 (2006).

RELATED PRODUCTS:

Ampicillin sodium (Cat. No. 2484)
 Amphotericin B, USP (Cat. No. 2497)
 Flubendazole (Cat. No. B2955)
 Nystatin, USP (Cat. B1509)
 EZSolution™ Penicillin/Streptomycin/Amphotericin B, Sterile-Filtered (100X) (Cat. No. 2505)

DISCLAIMER: **FOR RESEARCH USE ONLY! Not to be used on humans.**