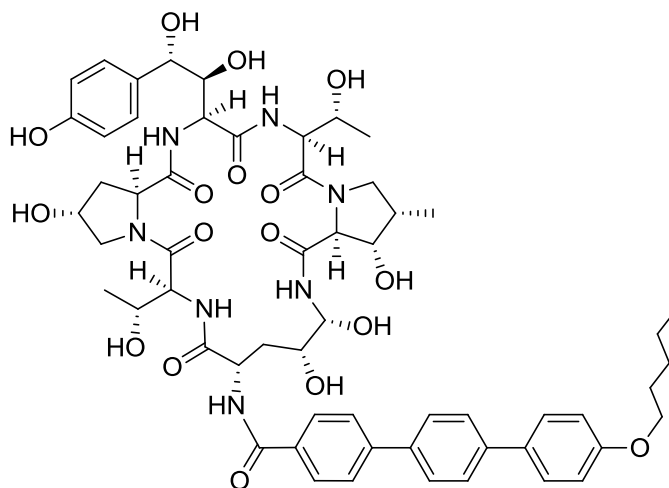


Anidulafungin

Code No.: **BIA-A1423**

Pack sizes: **1 mg, 5 mg**



Synonyms : LY 303366, Eraxis

Specifications

CAS #	: 166663-25-8
Molecular Formula	: C ₅₈ H ₇₃ N ₇ O ₁₇
Molecular Weight	: 1140.2
Source	: Semi-synthetic
Appearance	: White solid
Purity	: >98% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO. Poor water solubility.

Application Notes

Anidulafungin is a semi-synthetic cyclic lipopeptide belonging to the echinocandin class that was reported in 1995 and commercially developed by Eli Lilly. Anidulafungin inhibits the synthesis of β -(1,3)-D-glucan, an essential component of the cell wall of susceptible fungi and is extensively referenced in the literature with over 400 citations.

References

1. Semisynthetic chemical modification of the antifungal lipopeptide echinocandin B (ECB): Structure-activity studies of the lipophilic and geometric parameters of polyarylated acyl analogs of ECB. Debono M. et al., J. Med. Chem. 1995, 38, 3271.
2. Anidulafungin Vicuron. Martin-Mazuelos E. Drugs 2003, 6, 980.