PF-1163B
Item No. 22066

CAS Registry No.: 258871-60-2
Formal Name: 3S-[[4-(2-hydroxyethoxy)phenyl]methy]-4,10-dimethyl-13R-pentyl-1-oxa-4-azacyclotridecane-2,5-dione
MF: C27H43NO5
FW: 461.6
Purity: ≥95%
Supplied as: An oil
Storage: -20°C
Stability: ≥6 months

Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures
PF-1163B is supplied as an oil. Solvents such as ethanol, DMSO, methanol, and dimethyl formamide purged with an inert gas can be used.
A stock solution may be made by dissolving the PF-1163B in the solvent of choice. PF-1163B is soluable in organic solvents such as ethanol, methanol, DMSO, and dimethyl formamide.

Description
PF-1163B is a depsipeptide antifungal isolated from *Penicillium* that inhibits ergosterol (ERG) synthesis (IC50 = 34 ng/ml).1,2 It inhibits growth of *C. albicans* (MIC = 32 µg/ml) but not of other *Candida* strains, *A. fumigatus*, or HepG2 cells.2 It acts synergistically with fluconazole (Item No. 11594) to reduce growth of azole-resistant *C. albicans* (MIC = 2 and 0.0016 µg/ml alone and in combination, respectively).3 PF-1163B is a hydroxy form of PF-1163A (Item No. 22065).

References