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# Caspofungin Acetate

National Cancer Institute

## Source

National Cancer Institute. *Caspofungin Acetate*. NCI Thesaurus. Code C1724.

The acetate salt of an antimycotic echinocandin lipopeptide, semisynthetically derived from a fermentation product of the fungus *Glarea lozoyensis*. Caspofungin inhibits 1,3-beta-glucan synthase, resulting in decreased synthesis of beta(1,3)-D-glucan (an essential component of the fungal cell wall), weakening of the fungal cell wall, and fungal cell wall rupture. This agent is active against *Aspergillus* and *Candida* species.