Echinocandin B

Synonyms : A 30912, A 22082, 7810, SL 7810F

Specifications
CAS # : 54651-05-7
Molecular Formula : C_{52}H_{81}N_{7}O_{16}
Molecular Weight : 1060.4
Source : Aspergillus sp.
Appearance : Off white to brownish powder
Purity : >95% by HPLC
Long Term Storage : -20°C
Solubility : Soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.

Application Notes
Echinocandin B is the major analogue of a family of lipopeptides isolated from several species of Aspergillus, reported in 1974. Echinocandin B is a potent antifungal and acts by inhibiting the synthesis of β-(1,3)-D-glucan, an essential component of the cell wall of susceptible fungi.

References