Pneumocandin B0
PRODUCT DATA SHEET

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Product Name:	Pneumocandin B0
Product Number:	P092
CAS Number:	135575-42-7
Molecular Formula:	$C_{50}H_{80}N_8O_{17}$
Molecular Weight:	1065.2
Appearance:	White to off white solid
Storage Conditions:	-20°C
Description:	Pneumocandin B0 is the major analogue of a family of lipopeptides isolated from some species of Cryptosporiopsis, Glarea and Pezicula. Pneumocandin B0 is soluble in ethanol, methanol, DMF and DMSO.
Mechanism of Action:	Pneumocandin B0 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:	671,329, a new antifungal agent I. Fermentation and isolation. Schwartz R. E. et al. J Antibiot. 1989, 42, 163. 671,329, a new antifungal agent II. Structure determination Wichmann C. F. et al. J Antibiot. 1989, 42, 168. L-671,329, a new antifungal agent. III. In vitro activity, toxicity and efficacy in comparison to aculeacin. Fromtling R. A. & Abruzzo G. K. J. Antibiot. 1989, 42, 168.