
Product Data Sheet

Product Name: Pneumocandin B0

Cat. No.: GC13964

Chemical Properties

Cas. No. 135575-42-7

Formula $C_{50}H_{80}N_8O_{17}$

M.Wt 1065.21

Solubility DMSO : 100 mg/mL (93.88 mM; Need ultrasonic) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Background

Pneumocandin B0(L-688786), a key intermediate in the synthesis of the antifungal agent, Cancidas, has led to the identification of several materials with potential for improved performance.

References:

[1]. Welch CJ, et al. Preparation and evaluation of novel stationary phases for improved chromatographic purification of pneumocandin B0. J Chromatogr A. 2006 Jan 6;1101(1-2):204-13.

[2]. Leonard WR Jr, et al. Synthesis of the antifungal beta-1,3-glucan synthase inhibitor CANCIDAS (caspofungin acetate) from pneumocandin B0. J Org Chem. 2007 Mar 30;72(7):2335-43.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA