

Product Data Sheet

Product Name: FR179642

Cat. No.: GC64321

Chemical Properties

Cas. No. 168110-44-9

Formula C₃₅H₅₂N₈O₂₀S

M.Wt 936.89

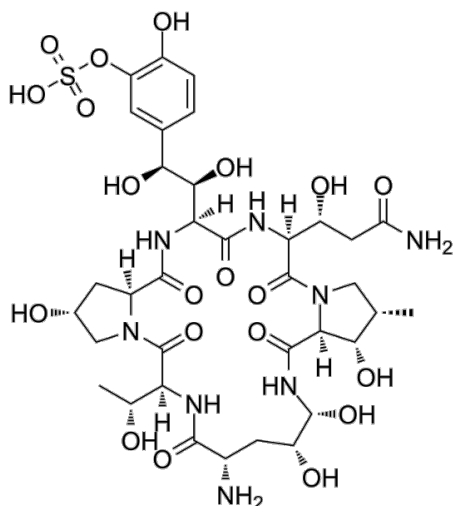
Solubility

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

FR179642 is a key intermediate in the synthesis of the echinocandin antifungal Micafungin[1]. FR179642 is the cyclic peptide nucleus of the echinocandin-like antifungal lipopeptide FR901379[2].

[1]. Satoshi Ueda, et al. Cloning and expression of the FR901379 acylase gene from Streptomyces sp. no. 6907. J Antibiot (Tokyo)

[2]. M Tomishima, et al. FK463, a novel water-soluble echinocandin lipopeptide: synthesis and antifungal activity. J Antibiot (Tokyo)

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