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**Product Data Sheet**

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Product Name: FR179642

Cat. No.: GC64321

**Chemical Properties**

Cas. No. 168110-44-9

Formula C<sub>35</sub>H<sub>52</sub>N<sub>8</sub>O<sub>20</sub>S 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 the cyclic peptide nucleus of the lipopeptide antifungal FR901379 and an intermediate in the synthesis of the echinocandin antifungal FK463 .<sup>1,2</sup>

1. Tomishima, M., Ohki, H., Yamada, A., et al. FK463, a novel water-soluble echinocandin lipopeptide: Synthesis and antifungal activity]. *Antibiot. (Tokyo)*52(7)674-676(1999)

2. Ueda, S., Shibata, T., Ito, K., et al. Cloning and expression of the FR901379 acylase gene from *Streptomyces* sp. no. 6907J. *Antibiot. (Tokyo)*64(2)169-175(2011)

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

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