

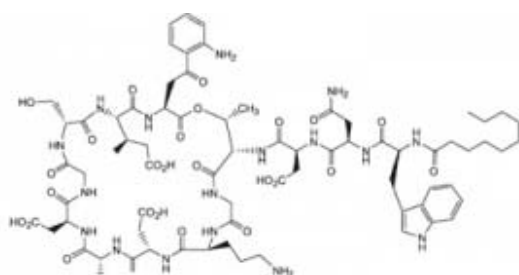


LKT Labs

<http://www.lktlabs.com/>

## Daptomycin

**Product No** D0363



## Description

A novel lipopeptide antibiotic used in the treatment of certain infections caused by Gram-positive organisms. It is a naturally-occurring compound found in the soil saprotroph *Streptomyces roseosporus*. Daptomycin has been shown to be not inferior to standard therapies (nafcillin, oxacillin, flucloxacillin or vancomycin) in the treatment of bacteraemia and right-sided endocarditis caused by *Staphylococcus aureus*.

## Specifications

|                      |                                                                                                                                                                                                                         |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cas No.</b>       | 103060-53-3                                                                                                                                                                                                             |
| <b>Product ID</b>    | D0363                                                                                                                                                                                                                   |
| <b>Product Name</b>  | Daptomycin                                                                                                                                                                                                              |
| <b>Chemical Name</b> | N-decanoyl-L-tryptophyl-L-asparaginyl-L-aspartyl-L-threonylglycyl-L-ornithyl-L-aspartyl-D-alanyl-L-aspartylglycyl-D-seryl-threo -3-methyl-L-glutamyl-3-anthraniloyl-L-alanine[egr]1-lactone                             |
| <b>Formula</b>       | $H_{72}H_{101}N_{17}O_{26}$                                                                                                                                                                                             |
| <b>Formula Wt.</b>   | 1619.70                                                                                                                                                                                                                 |
| <b>References</b>    | Fowler VG, Boucher HW, Corey GR (Aug 2006). "Daptomycin versus standard therapy for bacteremia and endocarditis caused by <i>Staphylococcus aureus</i> ". <i>N Engl J Med</i> 355 (7): 653–65. doi:10.1056/NEJMoa053783 |

**Item URL:** <http://www.lktlabs.com/products/Daptomycin-2337-9.html>