



LKT Laboratories, Inc.

D-Ala-D-Ala

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Product Information

Product ID D0044

CAS No. 923-16-0

Chemical Name

Synonym

Formula $C_6H_{12}N_2O_3$

Formula Wt. 160.17

Melting Point

Purity $\geq 98\%$

Solubility Soluble in water.

D-Ala-D-Ala

Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
D0044	250 mg	\$110.10

Store Temp -20°C

Ship Temp Ambient

Description D-Ala-D-Ala is a peptidoglycan cell wall peptide epitope to which antibacterial compounds such as vancomycin bind.

References Kwun MJ, Novotna G, Hesketh AR, et al. In vivo studies suggest that induction of VanS-dependent vancomycin resistance requires binding of the drug to D-Ala-D-Ala termini in the peptidoglycan cell wall. *Antimicrob Agents Chemother.* 2013 Sep;57(9):4470-80. PMID: 23836175.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.