



LKT Laboratories, Inc.

Cyclosporin B

Phone: 888-558-5227
651-644-8424
Fax: 888-558-7329
Email: getinfo@lktlabs.com
Web: lktlabs.com

Product Information

Product ID C9615

CAS No. 63775-95-1

Chemical Name Ala2-cyclosporine

Synonym

Formula C₆₁H₁₀₉N₁₁O₁₂

Formula Wt. 1188.59

Melting Point 149-152 °C

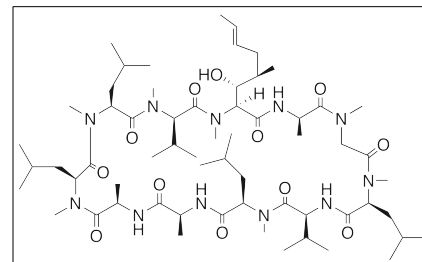
Purity ≥95%

Solubility Soluble in methanol,
ethanol and acetone.

Store Temp Ambient

Ship Temp Ambient

Description Cyclosporin B is a derivative of cyclosporin A that exhibits significantly less immunosuppressive activity. Cyclosporin B displays antiviral properties, inhibiting entry of hepatitis B into hepatocytes. Cyclosporin B also inhibits RANKL-induced TRAP phosphatase activity, inducing apoptosis in osteoclasts.



Bulk quantities available upon request

Product ID	Size
C9615	1 mg
C9615	5 mg
C9615	10 mg

References Iwamoto M, Watashi K, Tsukuda S, et al. Evaluation and identification of hepatitis B virus entry inhibitors using HepG2 cells overexpressing a membrane transporter NTCP. *Biochem Biophys Res Commun.* 2014 Jan 17;443(3):808-13. PMID: 24342612.

Igarashi K, Hirotani H, Woo JT, et al. Cyclosporine A and FK506 induce osteoclast apoptosis in mouse bone marrow cell cultures. *Bone.* 2004 Jul;35(1):47-56. PMID: 15207740.

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