



LKT Laboratories, Inc.

Spiramycin Hexanedioate

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

Product Information

Product ID S6233

CAS No. 11034-40-5

Chemical Name

Synonym Spiramycin Adipate, stomamycin, suanovil

Formula

Formula Wt.

Melting Point

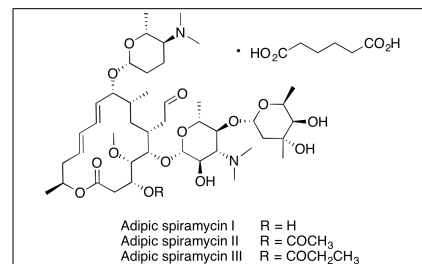
Purity $\geq 90\%$

Solubility Soluble in most organic solvents.

Store Temp -20°C

Ship Temp Ambient

Description Spiramycin is a macrolide antibiotic that is clinically used to treat toxoplasmosis and other soft tissue infections. Spiramycin exhibits antibacterial efficacy against *Toxoplasma*, inhibiting bacterial protein synthesis. In vitro, spiramycin decreases levels of IL-10 and TNF- α , and in vivo, it decreases *Toxoplasma*-induced brain cysts.



Bulk quantities available upon request

Product ID	Size
------------	------

S6233	1 g
-------	-----

S6233	5 g
-------	-----

References Kieffer F, Wallon M. Congenital toxoplasmosis. *Handb Clin Neurol*. 2013;112:1099-101. PMID: 23622316.

Büyükbaba Boral O, Sönmez Tamer G, Keçeli Özcan S, et al. Investigation of combined effectiveness of spiramycin and beta-glucan in mice models of acute toxoplasmosis and determination of IL-10, IL-12 and TNF- α levels. *Mikrobiyol Bul*. 2012 Jul;46(3):446-55. PMID: 22951656.

Chew WK, Segarra I, Ambu S, et al. Significant reduction of brain cysts caused by *Toxoplasma gondii* after treatment with spiramycin coadministered with metronidazole in a mouse model of chronic toxoplasmosis. *Antimicrob Agents Chemother*. 2012 Apr;56(4):1762-8. PMID: 22271863.

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