



LKT Laboratories, Inc.

Ansamitocin P3

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

Product Information

Product ID A5472

CAS No. 66547-09-9

Chemical Name

Synonym Maytansinol butyrate

Formula $C_{32}H_{43}ClN_2O_9$

Formula Wt. 635.14

Melting Point

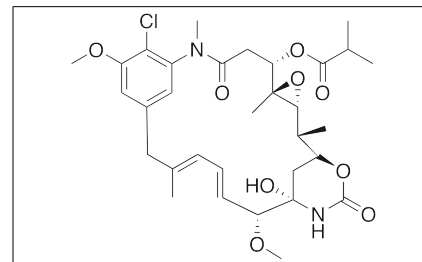
Purity $\geq 70\%$ (P3), Total

Solubility 10mM DMSO

Store Temp -20°C

Ship Temp Ambient

Description Ansamitocin P3 induces microtubule depolymerization by binding tubulin; it exhibits immunomodulatory and anticancer activities. Ansamitocin P3 increases T cell signaling and antigen uptake and decreases regulatory T cell levels in vivo.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
A5472	1 mg	\$61.80
A5472	5 mg	\$179.30

References Martin K, Müller P, Schreiner J, et al. The microtubule-depolymerizing agent ansamitocin P3 programs dendritic cells toward enhanced anti-tumor immunity. *Cancer Immunol Immunother.* 2014 Sep;63(9):925-38. PMID: 24906866.

Venghateri JB, Gupta TK, Verma PJ, et al. Ansamitocin P3 depolymerizes microtubules and induces apoptosis by binding to tubulin at the vinblastine site. *PLoS One.* 2013 Oct 4;8(10):e75182. PMID: 24124473.

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