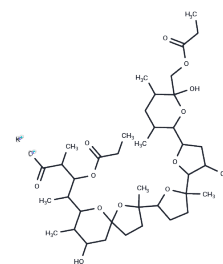


Laidlomycin propionate potassium

Chemical Properties

CAS No. :	84799-02-0
Formula:	C40H65KO13
Molecular Weight:	793.03
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Laidlomycin propionate potassium is a growth stimulant (Veterinary).
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.261 mL	6.3049 mL	12.6099 mL
5 mM	0.2522 mL	1.261 mL	2.522 mL
10 mM	0.1261 mL	0.6305 mL	1.261 mL
50 mM	0.0252 mL	0.1261 mL	0.2522 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

- Cernicchiaro N, Corbin M, Quinn M, Prouty F, Branine M, Renter DG. Meta-analysis of the effects of laidlomycin propionate, fed alone or in combination with chlortetracycline, compared with monensin sodium, fed alone or in combination with tylosin, on growth performance, health, and carcass outcomes in finishing steers in North America. *J Anim Sci.* 2016 Apr;94(4):1662-76. doi: 10.2527/jas.2015-0086. PubMed PMID: 27136025.
- Bauer ML, Herold DW, Britton RA, Stock RA, Klopfenstein TJ, Yates DA. Efficacy of laidlomycin propionate to reduce ruminal acidosis in cattle. *J Anim Sci.* 1995 Nov;73(11):3445-54. PubMed PMID: 8586605.
- Bohnert DW, Harmon DL, Dawson KA, Larson BT, Richards CJ, Streeter MN. Efficacy of laidlomycin propionate in low-protein diets fed to growing beef steers: effects on steer performance and ruminal nitrogen metabolism. *J Anim Sci.* 2000 Jan;78(1):173-80. PubMed PMID: 10682819.
- Domesick EJ, Martin SA. Effects of laidlomycin propionate and monensin on the in vitro mixed ruminal microorganism fermentation. *J Anim Sci.* 1999 Aug;77(8):2305-12. PubMed PMID: 10462011.

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