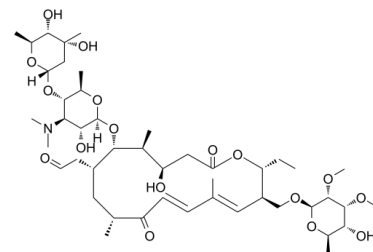


Data Sheet

Product Name:	Tylosin
Cat. No.:	CS-3442
CAS No.:	1401-69-0
Molecular Formula:	C ₄₆ H ₇₇ NO ₁₇
Molecular Weight:	916.10
Target:	Bacterial
Pathway:	Anti-infection
Solubility:	DMSO : ≥ 100 mg/mL (109.16 mM); H ₂ O : < 0.1 mg/mL (insoluble)



BIOLOGICAL ACTIVITY:

Tylosin (Fradizine; Tylocine; Tylosin A) is a broad spectrum antibiotic against Gram-positive organisms and a limited range of Gram-negative organisms.

References:

- [1]. Entorf M, et al. Tylosin susceptibility of staphylococci from bovine mastitis. *Vet Microbiol.* 2014 Jul 16;171(3-4):368-73.
- [2]. Pilcher CM, et al. Impact of tylosin phosphate and distillers dried grains with solubles on energy and nutrient digestibility and flow through the gastrointestinal tract in growing pigs. *J Anim Sci.* 2013 Dec;91(12):5687-95.

CAIndexNames:

Tylosin

SMILES:

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Caution: Product has not been fully validated for medical applications. For research use only.

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