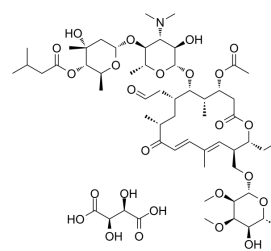


## Tylvalosin tartrate

## Chemical Properties

CAS No. :	63428-13-7
Formula:	C <sub>57</sub> H <sub>93</sub> N <sub>2</sub> O <sub>25</sub>
Molecular Weight:	1192.34
Appearance:	no data available
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	Tylvalosin tartrate (Acetylisovalerylytylosin Tartrate) is a macrolide antibiotic that can against Gram-positive bacteria.
Targets(IC50)	Antibacterial, Antibiotic

## Solubility Information

Solubility	DMSO: 100 mg/mL (83.86mM) ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8387 mL	4.1934 mL	8.3869 mL
5 mM	0.1677 mL	0.8387 mL	1.6774 mL
10 mM	0.0839 mL	0.4193 mL	0.8387 mL
50 mM	0.0168 mL	0.0839 mL	0.1677 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.

## Reference

Feng-yu Deng, et al. Characterization of the Interaction between Acetylisovalerylytylosin Tartrate and Bovine Serum Albumin without or with Zn<sup>2+</sup> and Cu<sup>2+</sup> by Spectroscopic Analysis. *Guang Pu Xue Yu Guang Pu Fen Xi*. 2016 Jul;36

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