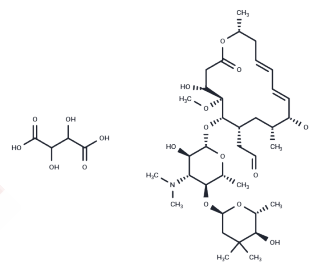


## Kitasamycin tartrate

## Chemical Properties

CAS No. :	37280-56-1
Formula:	C <sub>40</sub> H <sub>67</sub> N <sub>1</sub> O <sub>18</sub>
Molecular Weight:	849.965
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	Kitasamycin tartrate, a macrolide antibiotic produced by <i>Streptomyces kitasatoensis</i> , has a wide spectrum of antimicrobial activity.
Targets(IC50)	Others, Antibacterial, Antibiotic

## Solubility Information

Solubility	DMSO: Soluble, ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1765 mL	5.8826 mL	11.7651 mL
5 mM	0.2353 mL	1.1765 mL	2.353 mL
10 mM	0.1177 mL	0.5883 mL	1.1765 mL
50 mM	0.0235 mL	0.1177 mL	0.2353 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

Kishima M, Hashimoto K. In vitro sensitivities to antimicrobial drugs of ureaplasmas isolated from the bovine respiratory tract, genital tract and eye. *Res Vet Sci.* 1979 Sep;27(2):218-22. PubMed PMID: 523809.

Kishima M, Hashimoto K, Minato H. Sensitivites in vitro to antimicrobial drugs of bovine mycoplasmas isolated from respiratory and genital tracts. *Natl Inst Anim Health Q (Tokyo).* 1978 Spring;18(1):18-26. PubMed PMID: 652043.

Cerdá RO, Giacoboni GI, Xavier JA, Sansalone PL, Landoni MF. In vitro antibiotic susceptibility of field isolates of *Mycoplasma synoviae* in Argentina. *Avian Dis.* 2002 Jan-Mar;46(1):215-8. PubMed PMID: 11922338.

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