

Alexomycin

Chemical Properties

CAS No. : 165101-50-8

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Alexomycin

Biological Description

Description	Alexomycin, a thiopeptide, is a cyclic peptide antibiotic produced by <i>Streptomyces arginensis</i> isolated from the soil.
Targets(IC50)	Others

Reference

- Marshall SA, Jones RN. Spectrum and antimicrobial activity of alexomycin (PNU-82, 127), a peptide compound projected for use in animal health. *Diagn Microbiol Infect Dis*. 1999 Mar;33(3):181-6. PubMed PMID: 10092967.
- Ashraf-Khorassani M, Taylor LT, Marr JG. Analysis of the sulfomycin component of alexomycin in animal feed by enhanced solvent extraction and supercritical fluid chromatography. *J Biochem Biophys Methods*. 2000 Jul 5;43(1-3):147-56. PubMed PMID: 10869673.
- Jones RN, Chen YS, Marshall SA. Comparative in vitro activity of alexomycin (U-82127) tested against *Escherichia coli*, *Salmonella* spp., and enterococci of animal and human origin. *Clin Microbiol Infect*. 1998;4(10):601-603. PubMed PMID: 11864251.
- Odland BA, Erwin ME, Jones RN. Quality control guidelines for disk diffusion and broth microdilution antimicrobial susceptibility tests with seven drugs for veterinary applications. *J Clin Microbiol*. 2000 Jan;38(1):453-5. PubMed PMID: 10618141; PubMed Central PMCID: PMC88749.

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