

Product name: **Streptolydigin**
Molecular Formula: C₃₂ H₄₄N₂O₉
Molecular weight: 600.708
CAS-Number: 7229-50-7
Assay: minimum 90% (HPLC)

Storage Temp.: -20°C

Literature References:

1. Mode of action of streptolydigin
authors: Siddhikol C. Erbstoesz, JW, Weisblum, B.
J.Bacteriol. 1969 Jul; 99(1):151-5
2. Downstream DNA Sequence Effects on Transcription Elongation
authors: Shannon F. Homes & Dorothy A. Erie
J. Biol. Chem., Vol.278, Issue 37, 35597-35608. Sept.12, 2003

Comments:

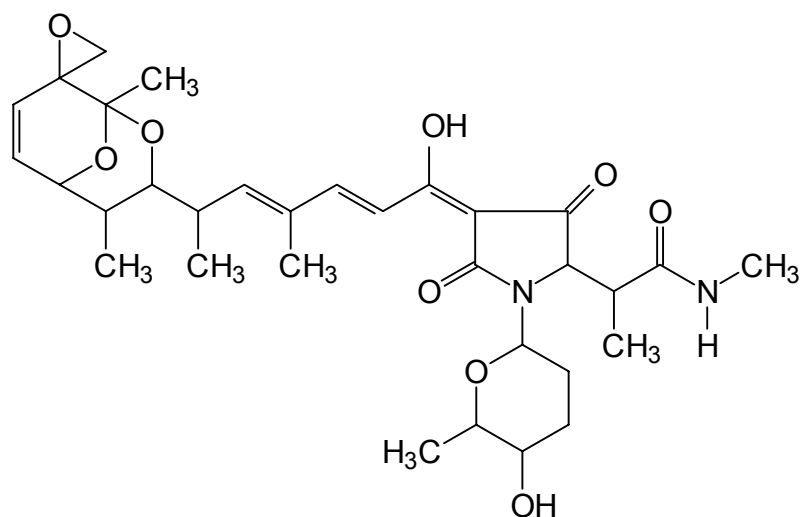
isolated from *Streptomyces lydicus*

Biochemical/physiological actions:

nucleoside antibiotic
inhibitor of RNA polymerase (binding region *E.coli*^B residues 543-546); antibacterial against gram-positive

Chemical Properties: Soluble in DMSO, MeOH

Structure:



<http://www.sourcon-padena.de/home/pharma/biochem.html>