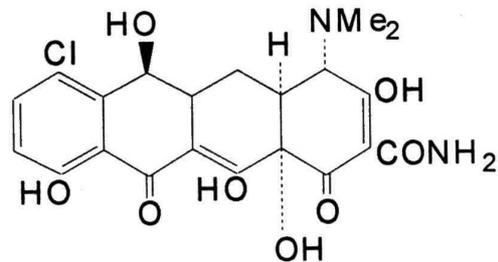
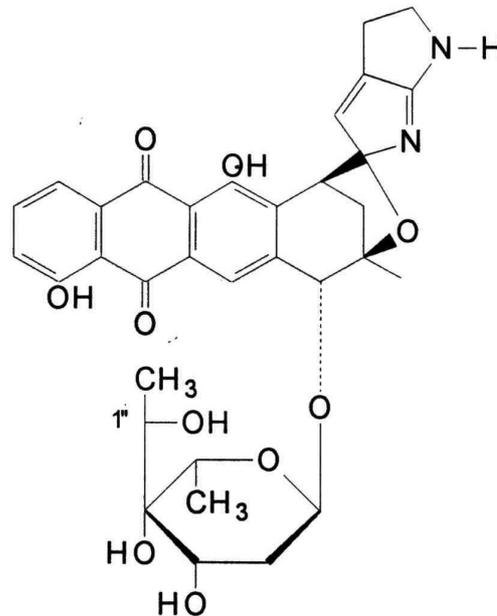


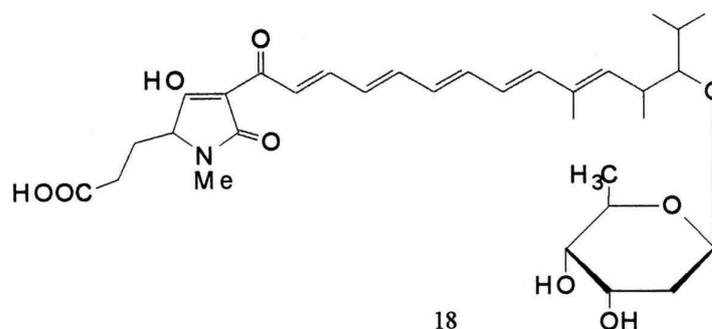
Aureomycin, tetracycline antibiotic, widely used antiprotozoal and antibacterial antibiotic used in undulant fever, pneumonia, sinusitis and bacterial endocarditis



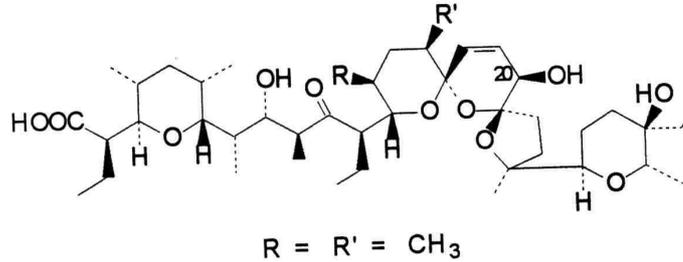
Isoquinocycline, anthracycline antibiotic, active against gram-positive bacteria



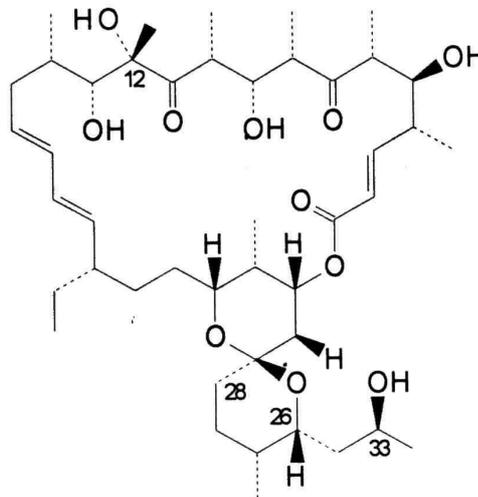
Lipomycin, pentaene antibiotic, active against gram-positive bacteria



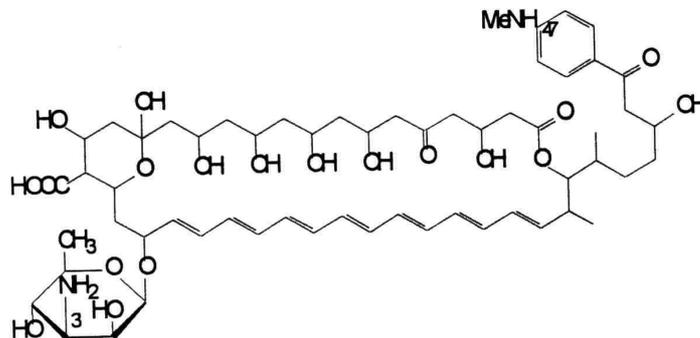
Narasin A, polyether antibiotic, ionophore effective against viruses and particularly against coccidial infections in chicken



Oligomycin D, macrolide antibiotic, mitochondrial ATPase inhibitor, antifungal



Partricin A, polyene antibiotic, antifungal and antiprotozoal agent



Genus: *Streptomyces*

FH 2003

Species: *aureofaciens*

Numbers in other collections: IMET 43577

Morphology:

	G	R
<u>ISP 2</u>	good	colorless
	A	SP
	grey	none
	G	R
<u>ISP 3</u>	good	colorless
	A	SP
	grey	none
	G	R
<u>ISP 4</u>	good	colorless
	A	SP
	grey	none
	G	R
<u>ISP 5</u>	good	colorless
	A	SP
	grey	none
	G	R
<u>ISP 6</u>	good	yellow
	A	SP
	white	none
	G	R
<u>ISP 7</u>	good	colorless
	A	SP
	white	none

Spore chains: RF

Spore surface: smooth

Sporangia:

Fragmentation:

Melanoid pigment: -

NaCl resistance:

Lysozyme resistance: -

pH: Value-

Optimum-

Temperature : Value-

Optimum- 28°C

Carbon utilization:

Glu	Ara	Suc	Xyl	Ino	Man	Fru	Rha	Raf	Cel
+	+	+	(+)	+	+	+	-	-	-

Enzymes:

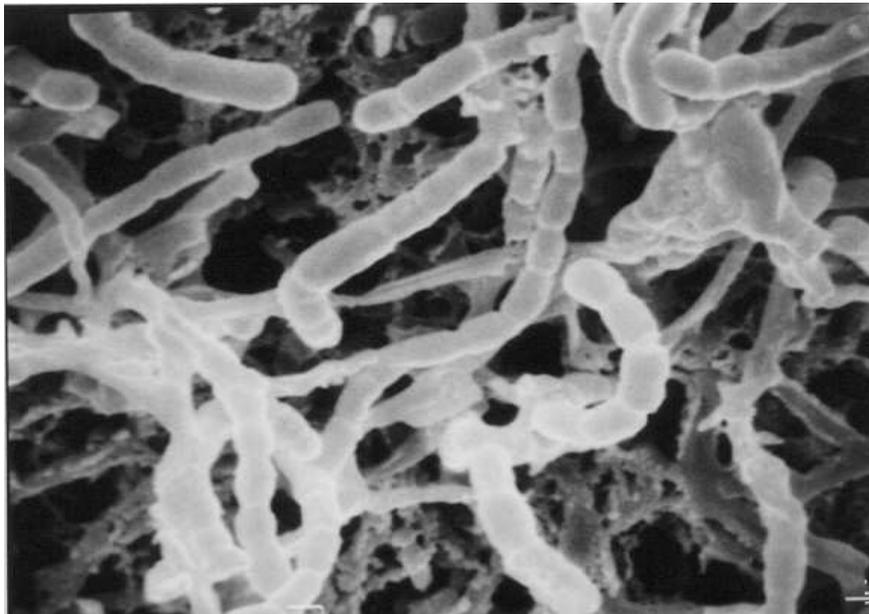
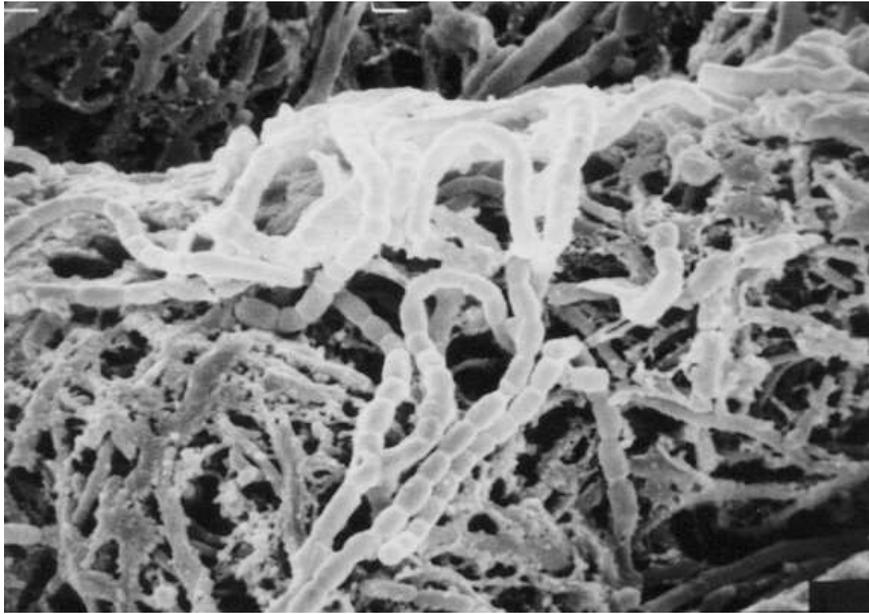
Gel	Cit	Ure	Arg	Onp	Trp	Lys	Odc	VP	Ind	H2S
+	-	+	+	+	-	+	+	-	-	-

Comments



Streptomyces aureofaciens

A and B – Agar plates medium 5315, 5317, 5265, 5323 and 5318



Streptomyces aureofaciens

Spore chain morphology and smooth spore surface in SEM
C x 5.000 D x 7.500