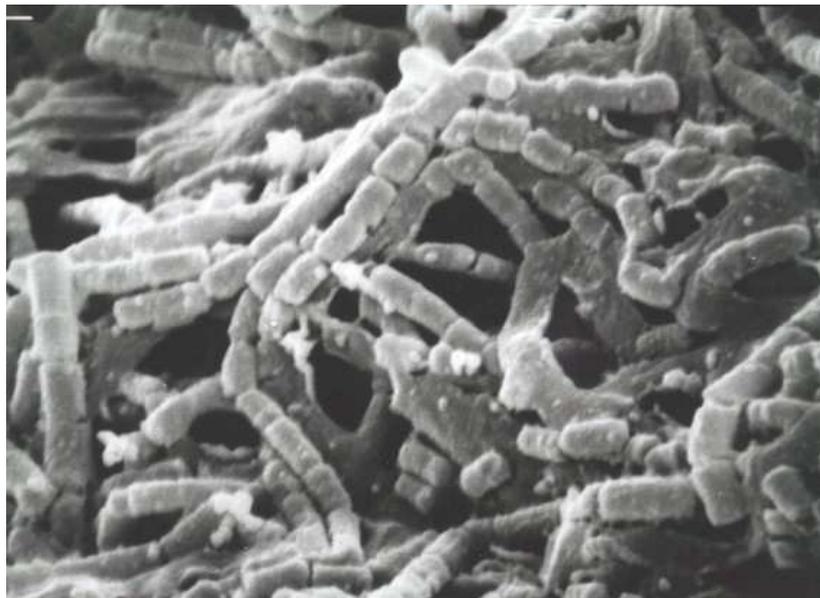


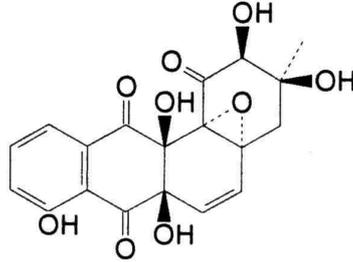
Name: ***Streptomyces phaeochromogenes***
Authors: (Conn 1917) Waksman 1957
Status: Approved Lists
Reference(s): Int. J. Syst. Bacteriol. 30:396 (AL)
Risk group: 1 (German classification)
Type strain: ATCC 3338, IMET 40355, DSM 40073



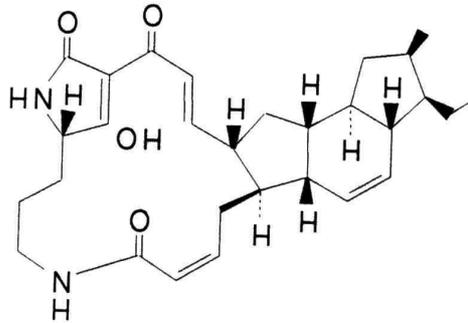
Streptomyces phaeochromogenes
Spore chains with smooth spores in SEM (x 7.500)

Secondary metabolites from *Streptomyces phaeochromogenes*

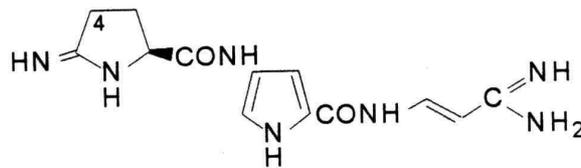
Angucycline antibiotic



Ikarugamycin, peptide-like antibiotic, antibacterial, antiprotozoal and antiulcer activity



Kikumycin A, oligopeptide-type antibiotic, antiviral, antitumor and antibacterial activity



Genus: *Streptomyces*

FH 2019

Species: *phaeochromogenes*

Numbers in other collections: IMET 40355

Morphology:

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

Spore chains: RA

Spore surface: smooth

Sporangia:

Fragmentation: +

Melanoid pigment: -

NaCl resistance:

Lysozyme resistance:

pH: Value-

Optimum-

Temperature : Value-

Optimum- 28°C

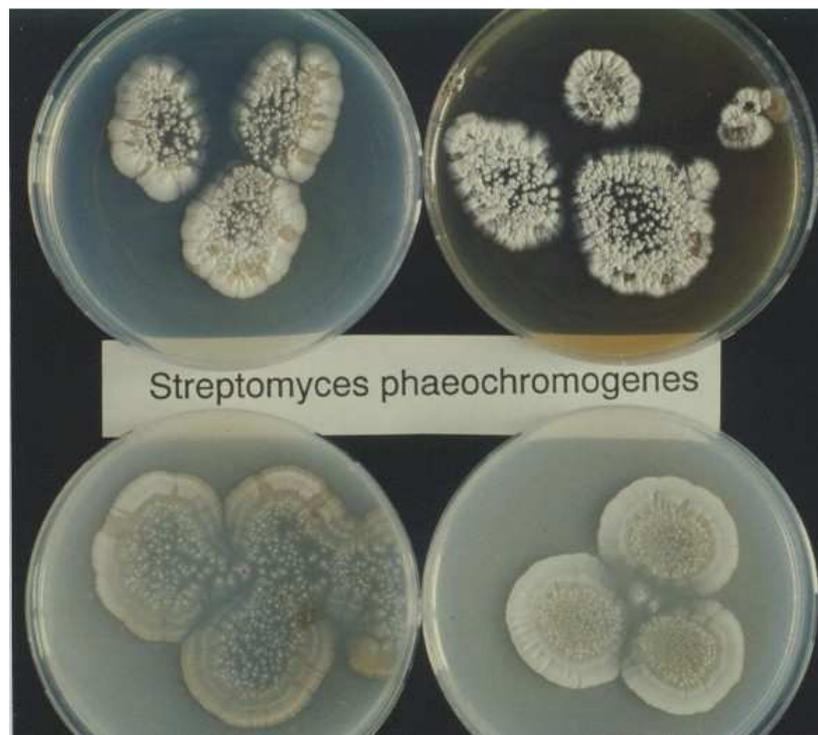
Carbon utilization:

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

Enzymes:

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

Comments:



Streptomyces phaeochromogenes

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