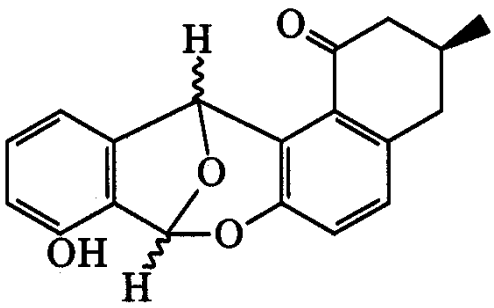
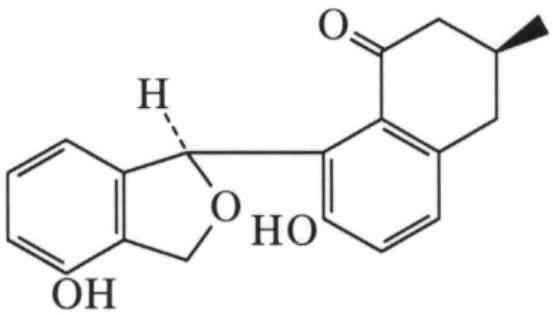
Name:	***Streptomyces griseoincarnatus***
Authors:	(Preobrazhenskaya et al. 1957) Pridham et al. 1958
Status:	Approved Lists
Reference(s):	Int. J. Syst. Bacteriol. 30:385 (AL)
Risk group:	1 (German classification)
Type strain:	ATCC 23623, DSM 40274

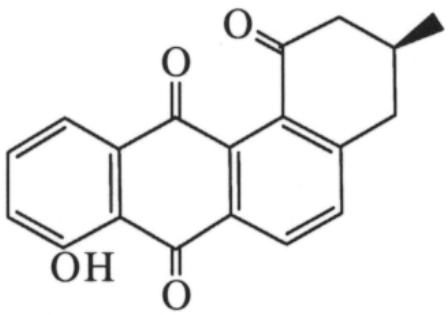
Metabolites described from *Streptomyces griseoincarnatus*

Emycin D and E, two angucycline and seco angucycline antibiotics from chemical screening



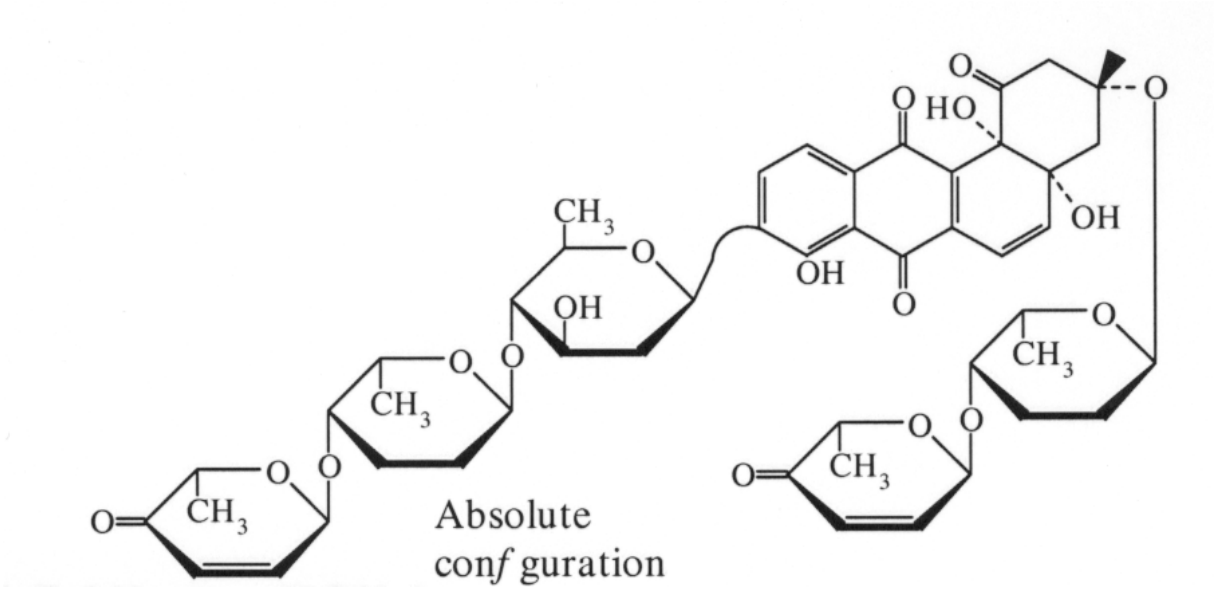


Ochromycinone, angycycline antibiotic, active against gram-positive bacteria



(S)-form

Vineomycin A, benzanthraquinone antibiotic, potent proly hydroxylase inhibitor, showing antibacterial and antitumor activity



Genus: ***Streptomyces*** **FH 6381**
Species: ***griseoincarnatus***
Numbers in other collections: DSM 40274

Morphology:

	G	R
ISP 2	good	black red
	A	SP
	concrete grey	red orange
	G	R
ISP 3	good	black red
	A	SP
	concrete grey	red orange
	G	R
ISP 4	good	black red
	A	SP
	concrete grey	none
	G	R
ISP 5	good	black red
	A	SP
	ivory	none
	G	R
ISP 6	good	black red
	A	SP
	none	none
	G	R
ISP 7	good	black red
	A	SP
	sparse	none

Spore chains: Spore surface:
Sporangia: - Fragmentation: -

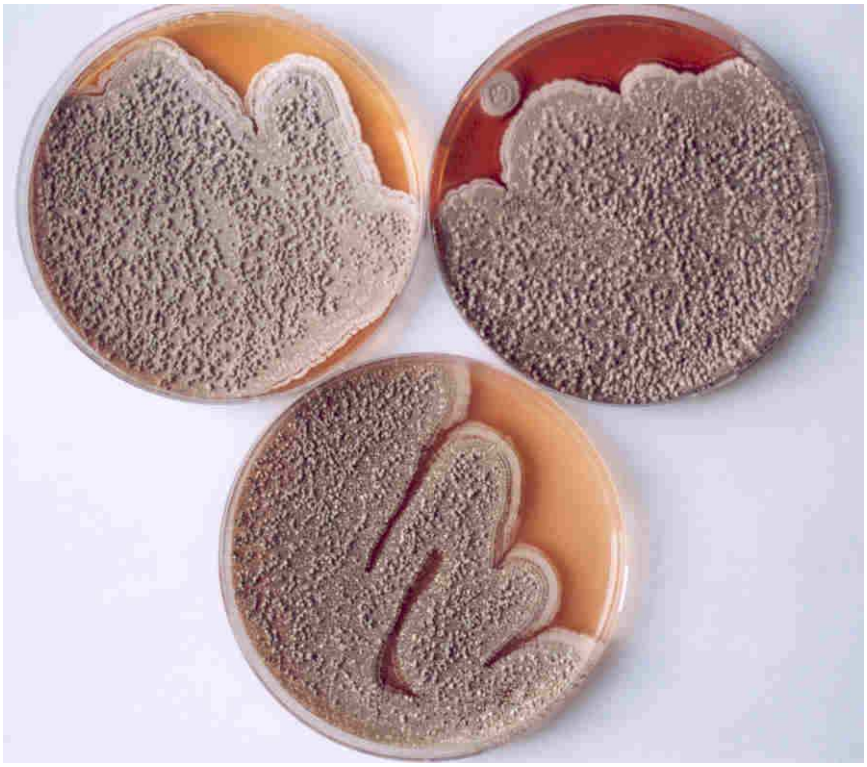
Melanoid pigment: - - - -
NaCl resistance: %
Lysozyme resistance:
pH: Value- Optimum-
Temperature : Value- Optimum- 28 ℃
Carbon utilization:

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

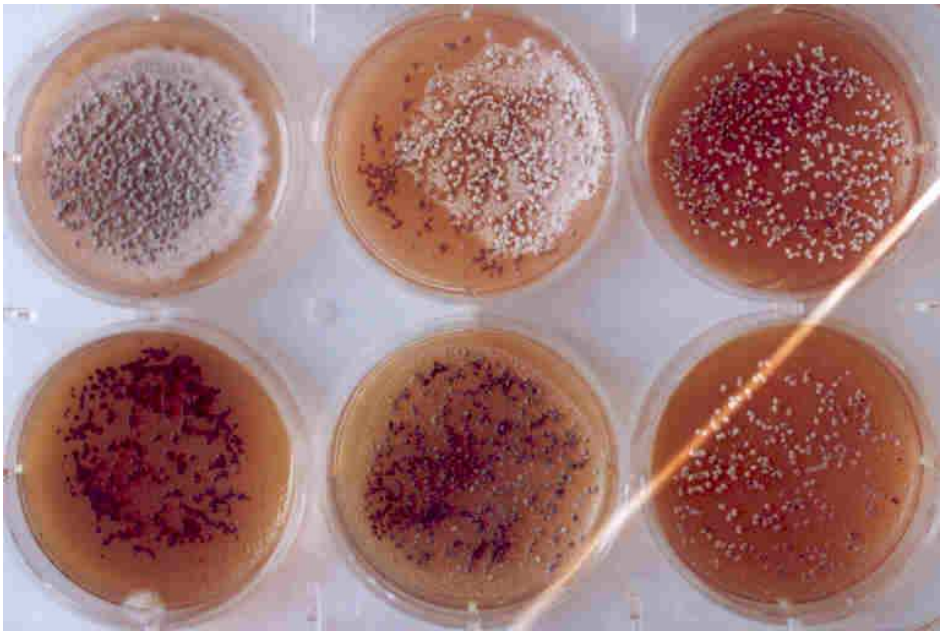
Enzymes:

Gel	Cit	Ure	Arg	Onp	Trp	Lys	Odc	VP	Ind	H2S
+	+	+	+	+	-	+	+	+	-	-
2+	3+	4+	5-	6+	7+	8-	9+	10-	11+	
12-	13(+)	14+	15-	16+	17+	18+	19+	20-		

Comments:



Streptomyces griseoincarnatus
A and B – Agar plates medium 5006, 5265 and 5315



Streptomyces griseoincarnatus
C and D – Microplate with ISP- and melanin media