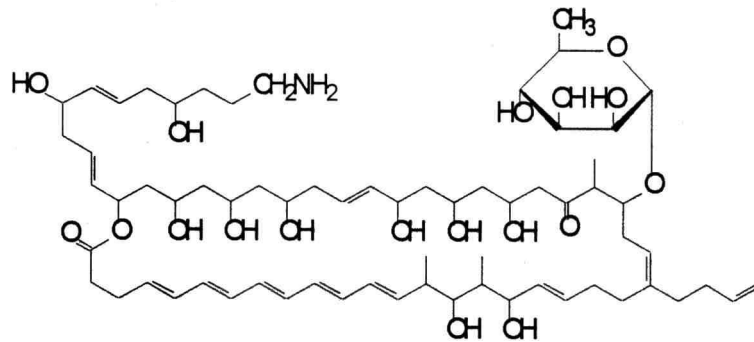


Name:	<i>Streptomyces lienomycini</i>
Authors:	Gauze and Maksimova 1986
Status:	New Species
Reference(s):	Int. J. Syst. Bacteriol. 36:574 (validation list)
Risk group:	1 (German classification)
Type strain:	INA 478, DSM 41475

Secondary metabolites from *Streptomyces lienomycini*
Lienomycin, polyene-type antibiotic, antifungal agent with antitumor activity



Genus: *Streptomyces*

FH 2166

Species: *lienomycini*

Numbers in other collections: ATCC 43687

Morphology:

<u>ISP 2</u>	G	R
	good	colourless
	A	SP
<u>ISP 3</u>	white/grey	none
	G	R
	sparse	colourless
<u>ISP 4</u>	A	SP
	grey	none
	G	R
<u>ISP 5</u>	sparse	colourless
	A	SP
	white/grey	none
<u>ISP 6</u>	G	R
	good	brown
	A	SP
<u>ISP 7</u>	white/grey	none
	G	R
	good	colourless
<u>ISP 8</u>	A	SP
	none	none
	G	R
<u>ISP 9</u>	good	brown
	A	SP
	white/grey	none

Spore chains: RAb

Spore surface: smooth

Sporangia:

Fragmentation:

Melanoid pigment: - - - -

NaCl resistance: 5 %

Lysozyme resistance: 0 %

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
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Comments:



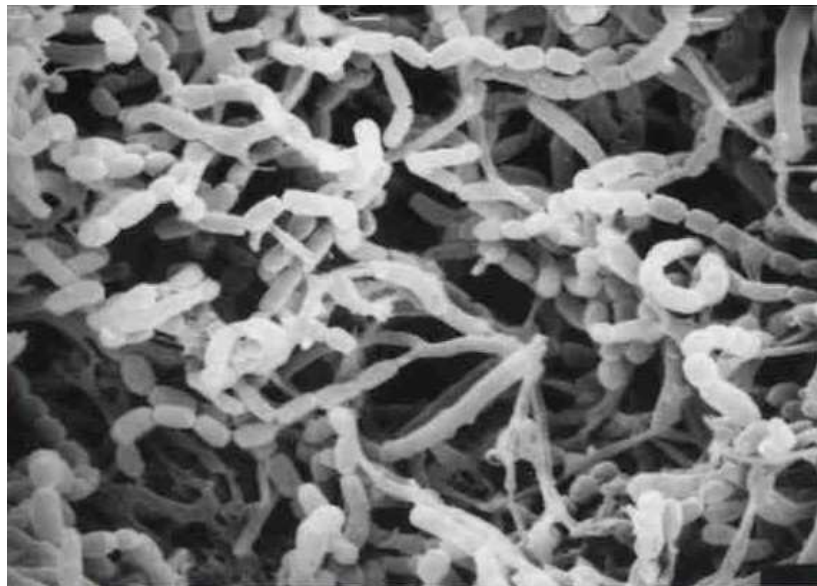
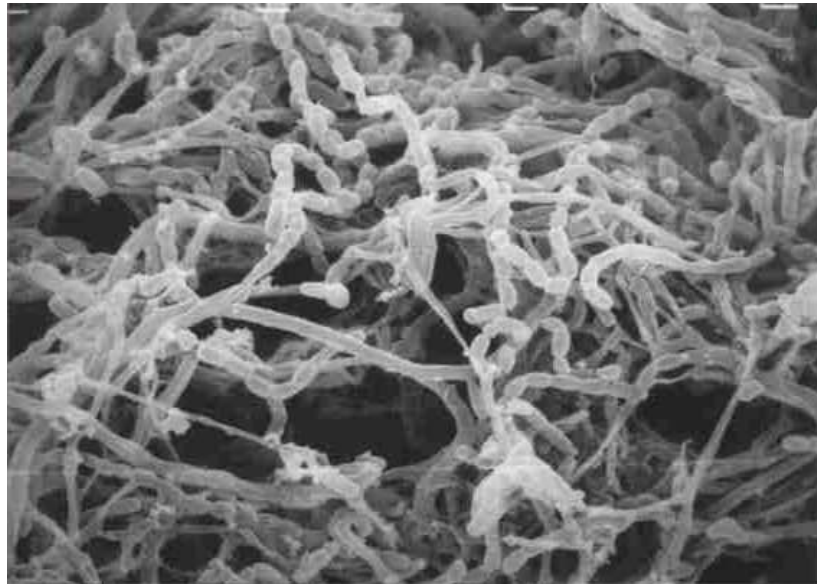
Streptomyces lienomycini

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



Streptomyces lienomycini

C and D – Agar plates medium 5006, 5318, 5322, 5337 with and without tyrosine



Streptomyces lienomycini

Spore chain morphology and spore surface in SEM

E x 3.500 F x 5.000