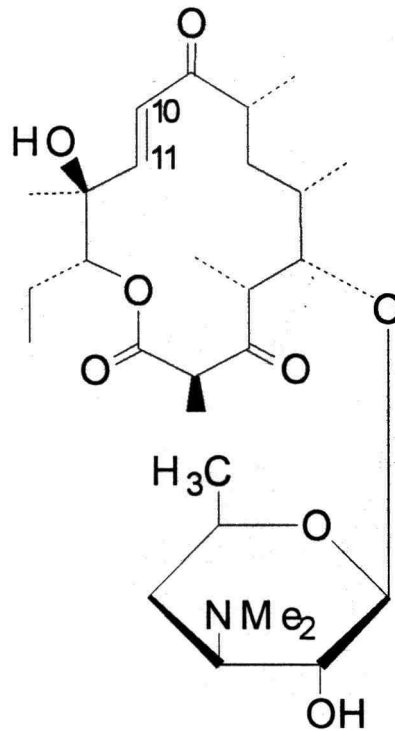


Name:	<i>Streptomyces felleus</i>
Authors:	Lindenbein 1952
Status:	Approved Lists
Reference(s):	Int. J. Syst. Bacteriol. 30:381 (AL)
Risk group:	1 (German classification)
Type strain:	ATCC 19752, ISP 5130, DSM 40130

Secondary metabolites from *Streptomyces felleus*

Picromycin, a macrolide antibiotic which shows activity against gram-positive bacteria including mycobacteria.



Genus: *Streptomyces*

FH 2210

Species: *felleus*

Numbers in other collections: **DSM 40130**

Morphology:

<u>ISP 2</u>	G good A sparse, ivory	R yellowish-brown SP none
<u>ISP 3</u>	G good A white /yellow	R white SP none
<u>ISP 4</u>	G good A white	R yellow SP none
<u>ISP 5</u>	G good A white	R yellow SP none
<u>ISP 6</u>	G good A white	R yellow SP none
<u>ISP 7</u>	G good A white	R yellow SP brown

Spore chains: RF

Spore surface: smooth

Sporangia:

Fragmentation:

Melanoid pigment: (+)

NaCl resistance: growth up to 7,5 %

Lysozyme resistance:

pH: Value-

Optimum-

Temperature : Value-

Optimum- 30°C

Carbon utilization:

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

Enzymes:

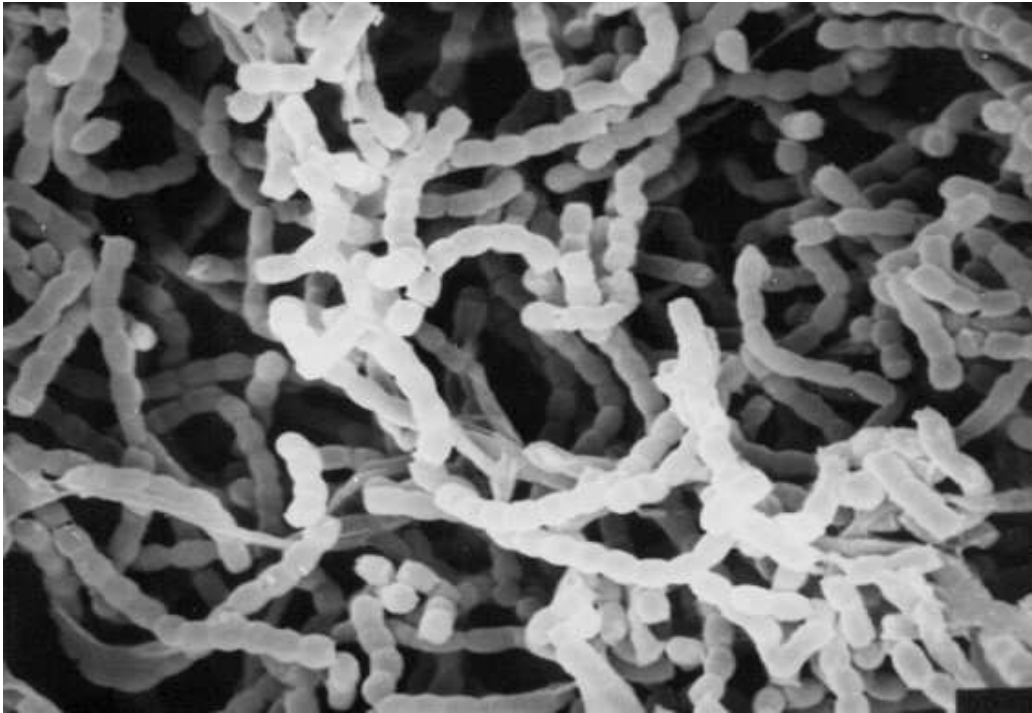
Gel	Cit	Ure	Arg	Onp	Trp	Lys	Odc	VP	Ind	H2S
-	-	+	-	+	-	-	-	-	-	-

Comments



Streptomyces felleus

A and B – Agar plates medium 5315, 5265, 5317, 5006, 5318 and 5322



Streptomyces felleus

C – Spore chains and spore surface in SEM (x 7.500)