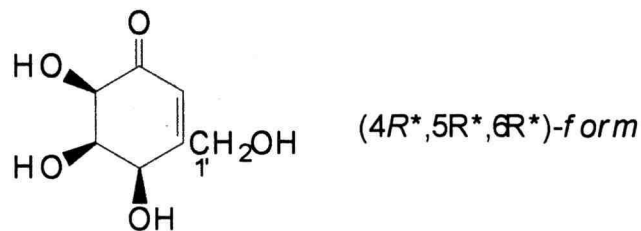


Name:	<i>Streptomyces kurssanovii</i>
Authors:	(Preobrazhenskaya et al. 1957) Pridham et al. 1958
Status:	Approved Lists
Reference(s):	Int. J. Syst. Bacteriol. 30:389 (AL)
Risk group:	1 (German classification)
Type strain:	ATCC 15824, DSM 40162

Secondary metabolites from *Streptomyces kurssanovii*

Garbosine



Genus: *Streptomyces*

FH 2038

Species: *kurssanovii*

Numbers in other collections: DSM 40162

Morphology:

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

Spore chains: RA

Spore surface: smooth

Sporangia:

Fragmentation:

Melanoid pigment: - - + -

NaCl resistance: 2,5%

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



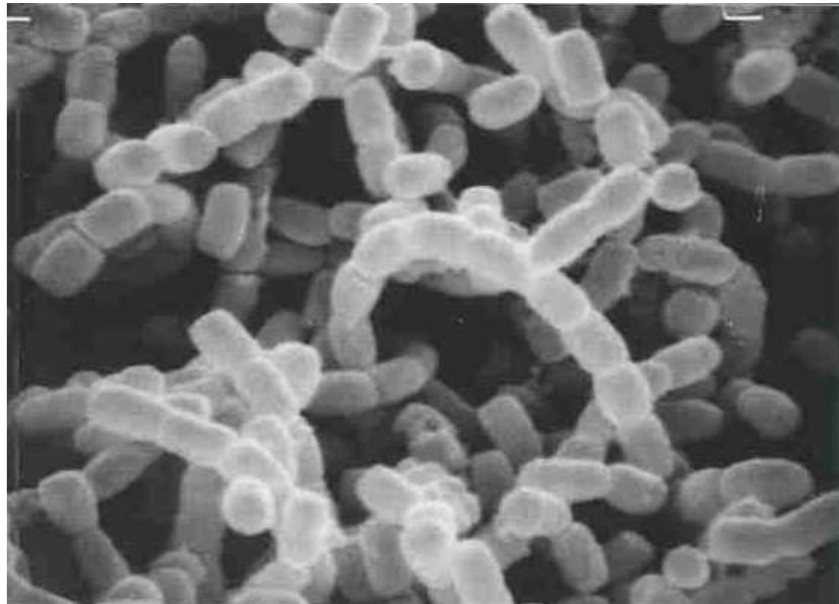
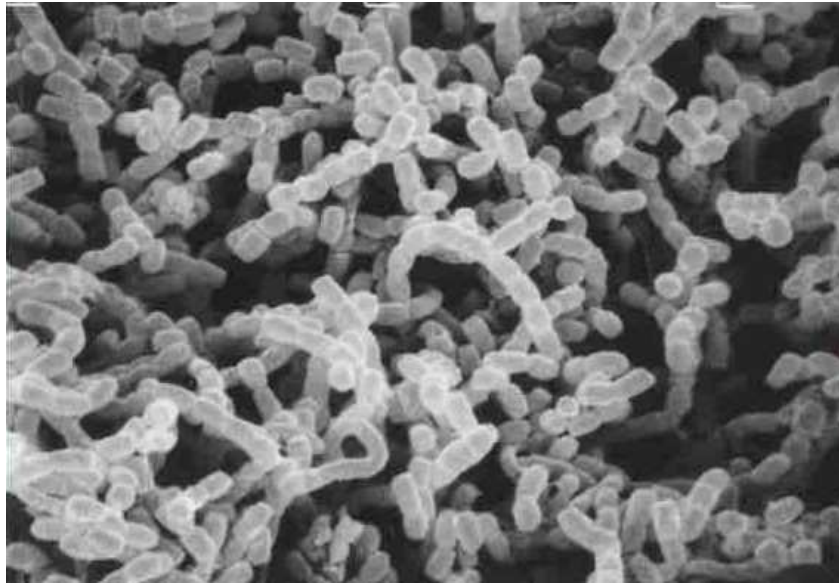
Streptomyces kurssanovii

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



Streptomyces kurssanovii

C and D – Microplate with ISP- and melanin media



Streptomyces kurssanovii

Spore chain morphology and spore surface in SEM
E x 5.000 F x 10.000