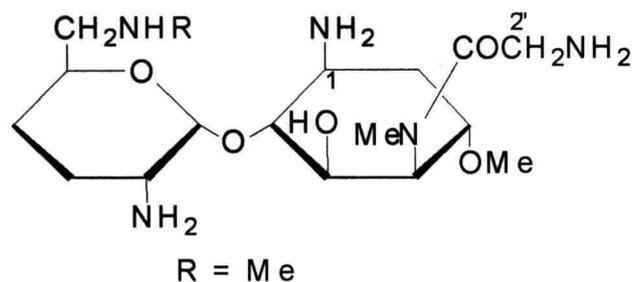


Name:	<b><i>Streptomyces sannanensis</i></b>
Authors:	Iwasaki et al. 1981
Status:	New Species
Reference(s):	Int. J. Syst. Bacteriol. 31:283
Risk group:	1 (German classification)
Type strain:	ATCC 31530, KC-7038, DSM 41705

### Secondary metabolites from *Streptomyces sannanensis*

Sannamycin, aminoglycoside antibiotics, weakly active against gram-positive bacteria



**Genus:** *Streptomyces*

**FH 2519**

**Species:** *sannanensis*

**Numbers in other collections:** ATCC 31530

Morphology:

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

Spore chains: Sp

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
+	+	+	+	-	-	+	+	-	-	-



***Streptomyces sannanensis***

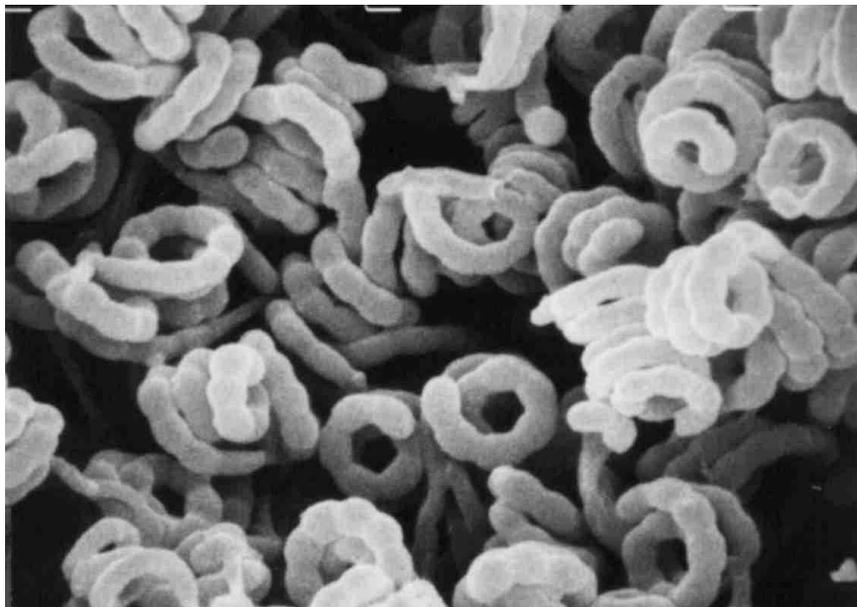
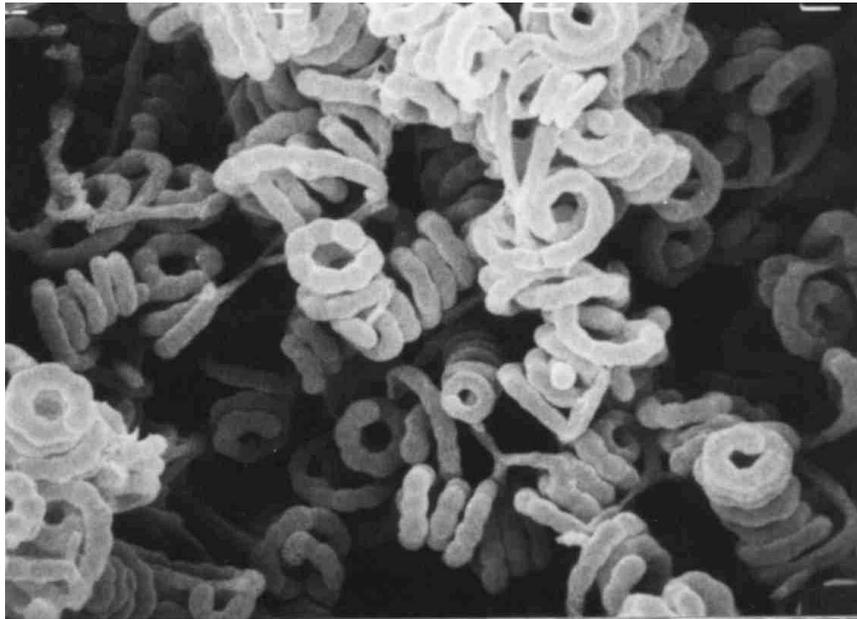
A and B – Agar plates medium 5265, 5315, 5317 and 5323



***Streptomyces sannanensis***

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

D – Spore chain morphology in SEM (x 1.500)



***Streptomyces sannanensis***

Spore chain morphology and spore surface in SEM

E x 3.500    F x 5.000