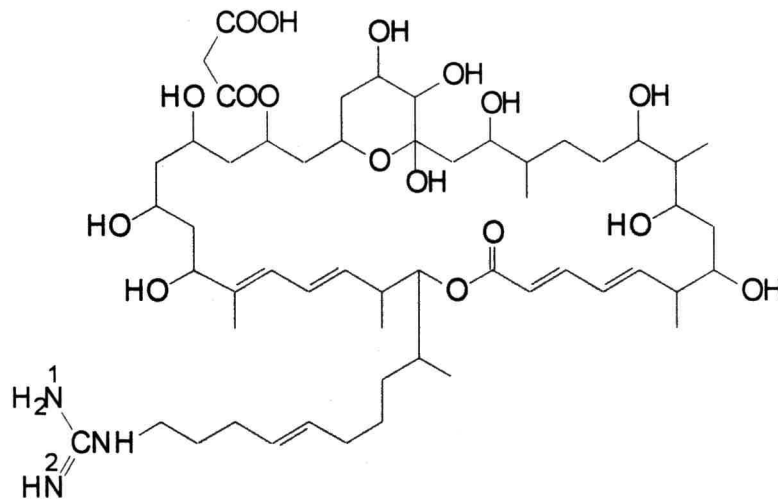


Name:	<i>Streptomyces violaceusniger</i>
Authors:	(Waksman and Curtis 1916) Pridham et al. 1958
Status:	Approved Lists
Reference(s):	Int. J. Syst. Bacteriol. 30:404 (AL)
Risk group:	1 (German classification)
Type strain:	NRRL B-1476, DSM 40563

Secondary metabolites from *Streptomyces violaceusniger*

Azalomycin F, polyene type antibiotic



Genus: *Streptomyces*

FH 2207

Species: *violaceusniger*

Numbers in other collections: NRRL-B 1476

Morphology:

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

Spore chains: Sp

Spore surface: rugose

Sporangia:

Fragmentation: -

Melanoid pigment: -

NaCl resistance: 0%

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
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Comments:



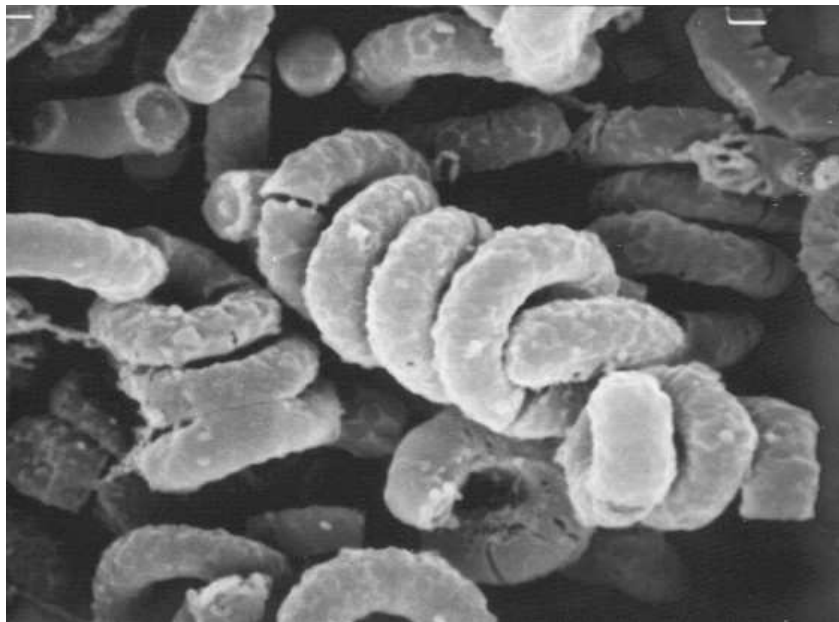
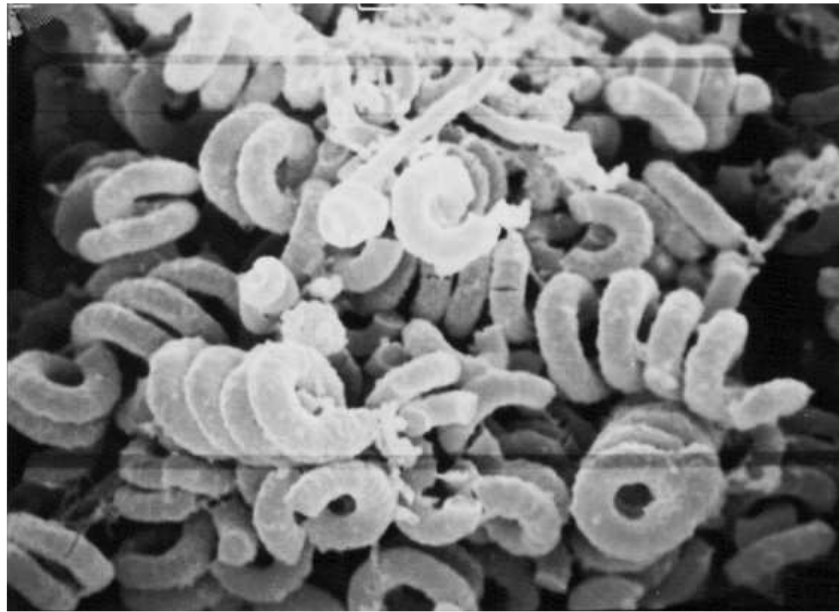
Streptomyces violaceusniger

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



Streptomyces violaceusniger

C and D – Microplate with ISP- and melanin media



Streptomyces violaceusniger

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