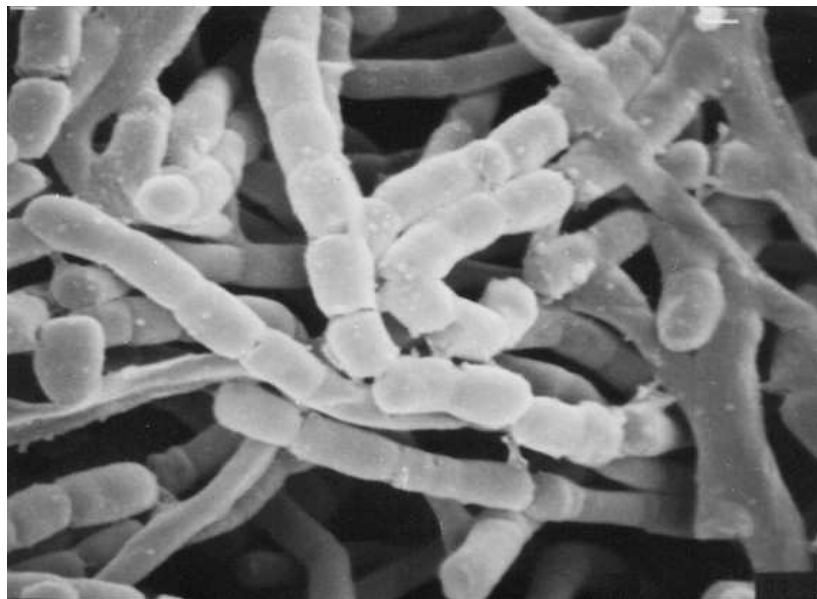


Name:	<b><i>Streptomyces narbonensis</i></b>
Authors:	Corbaz et al. 1955
Status:	Approved Lists
Reference(s):	Int. J. Syst. Bacteriol. 30:393 (AL)
Risk group:	1 (German classification)
Type strain:	ATCC 19790, CBS 542.68, IFO 12801, ISP 5016, RIA 1069, DSM 40016

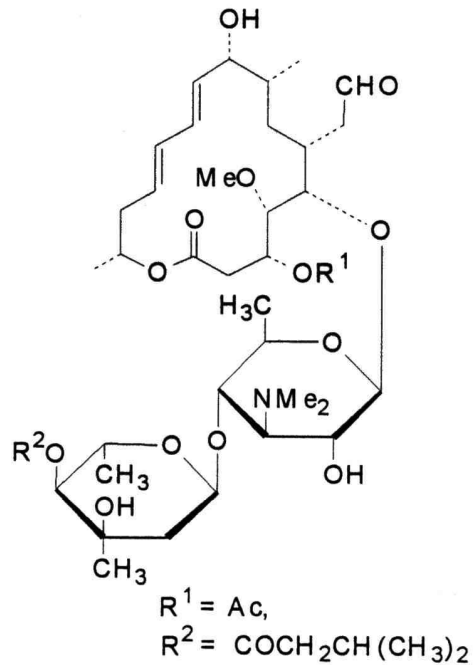


***Streptomyces narbonensis***

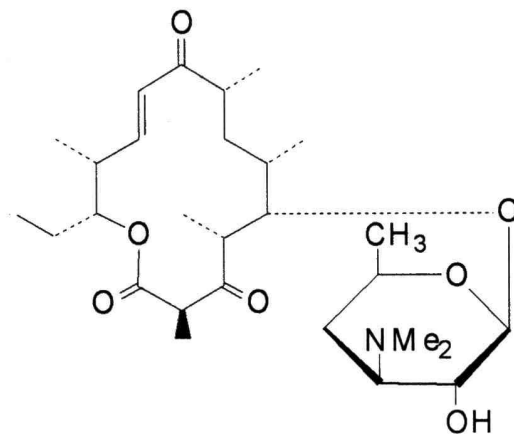
Spore chain morphology and spore surface in SEM (x 10.000)

Secondary metabolites from *Streptomyces narbonensis*

Leucomycin, macrolid antibiotic, active against gram-positive bacteria



Narbomycin, macrolide antibiotic, inactive in vivo but highly active against gram-positive bacteria in vitro



**Genus:** *Streptomyces*

FH 2102

**Species:** *narbonensis*

**Numbers in other collections:** DSM 40016

Morphology:

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

Spore chains: RF

Spore surface: smooth

Sporangia:

Fragmentation: in aerial mycelium

**Melanoid pigment: +**

**NaCl resistance: 2,5%**

**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 narbonensis***

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



***Streptomyces narbonensis***

C and D – Microplate with ISP- and melanin media