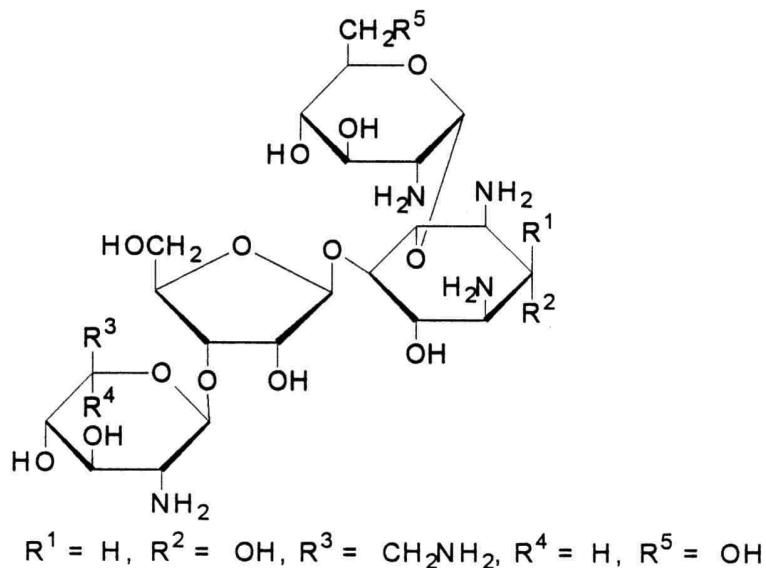


Name: *Streptomyces rimosus* subsp. *paromomycinus*  
Authors: Coffey et al. 1959  
Status: Approved Lists  
Reference(s): Int. J. Syst. Bacteriol. 30:398 (AL)  
Risk group: 1 (German classification)  
Type strain: NRRL 2455, DSM 41429

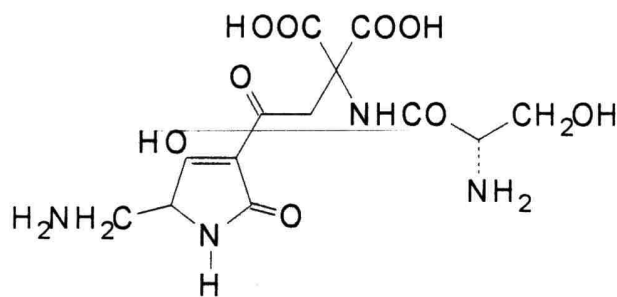
Name: ***Streptomyces rimosus* subsp. *rimosus***  
Authors: Sobin et al. 1953  
Status: Approved Lists  
Reference(s): Int. J. Syst. Bacteriol. 30:398 (AL)  
Risk group: 1 (German classification)  
Type strain: NRRL 2234, DSM 40260

Secondary metabolites from *Streptomyces rimosus*

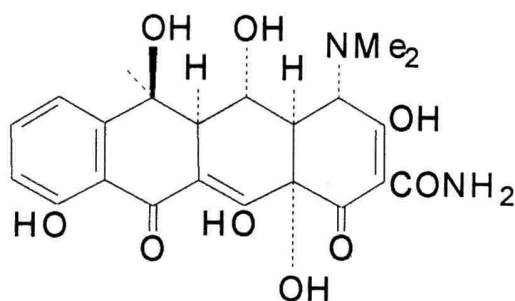
Hybrimycin, aminoglycoside antibiotic



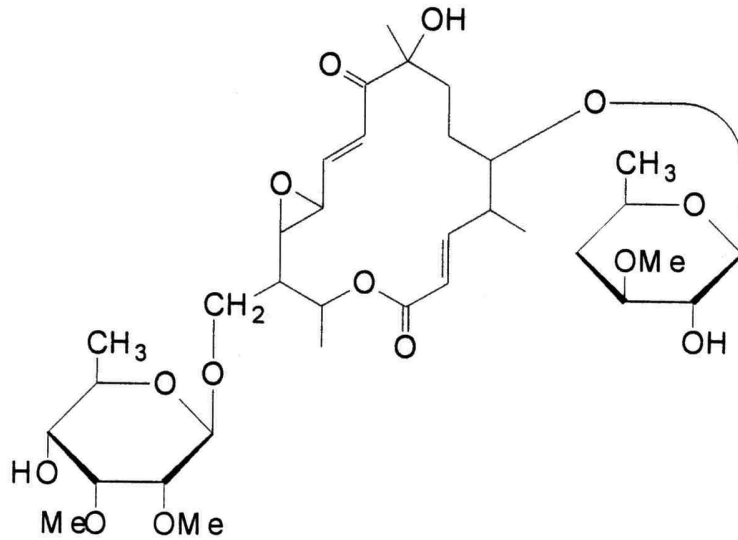
Malonomycin, peptide antibiotic, active against gram-positive bacteria



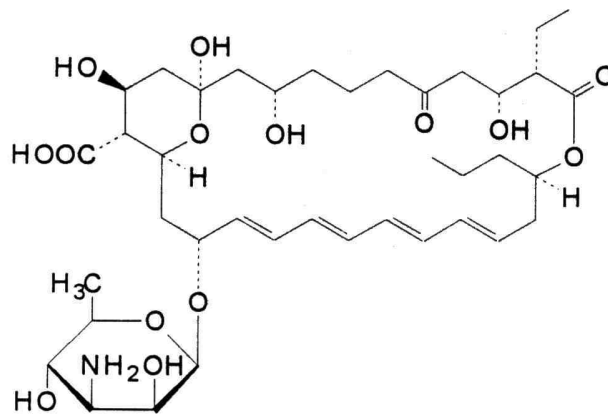
Oxytetracycline, clinically used broad-spectrum antibacterial antibiotic



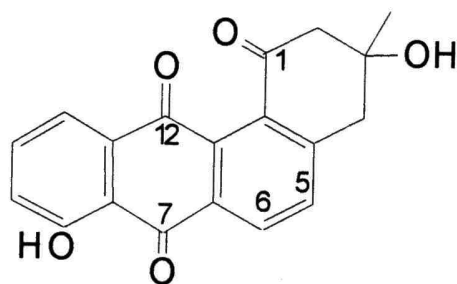
Neutamycin, macrolide antibiotic, antibacterial active



Rimocidin, polyene antibiotic, active against fungi



Tetrangomycin, angucycline antibiotic, active against gram-positive bacteria



**Genus:** *Streptomyces*

FH 2096

**Species:** *rimosus*

**Subspecies:** *rimosus*

**Numbers in other collections:** DSM 40260

Morphology:

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

Spore chains: RA

Spore surface: smooth

Sporangia:

Fragmentation:

**Melanoid pigment:** -

**NaCl resistance:** 7,5 %

**Lysozyme resistance:** 1%

**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
+	(+)	+	-	+	-	-	-	-	-	-

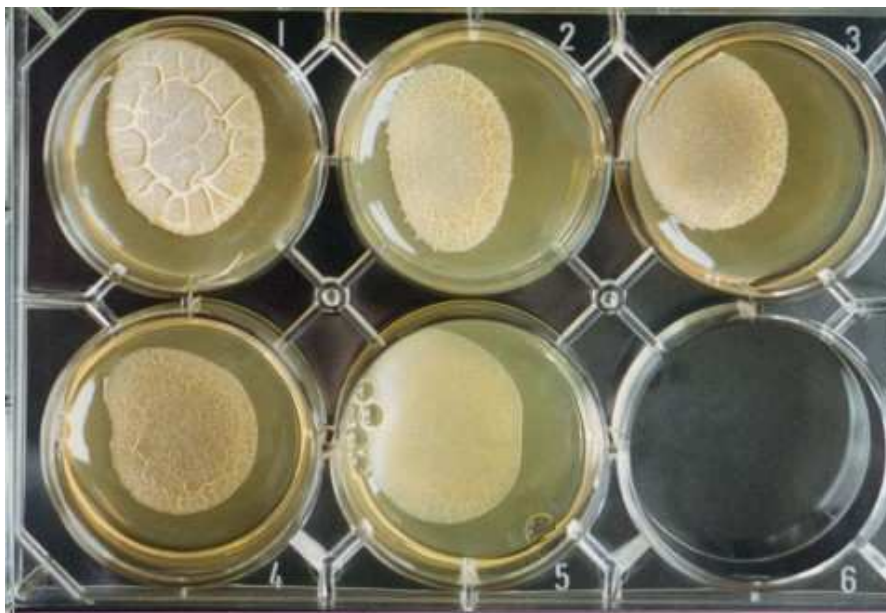
**Comments:**



***Streptomyces rimosus* subsp. *rimosus***

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

B – Agar plates medium 5006, 5318, 5322, 5337 with and without tyrosine



***Streptomyces rimosus* subsp. *rimosus***

C – Microplate for carbon utilization

D – Microplate for determination of sodium chloride tolerance

**Genus:** *Streptomyces*

FH 2325

**Species:** *rimosus*

**Subspecies:** *rimosus*

**Numbers in other collections: ATCC 14673**

Morphology:

	G	R
<u>ISP 2</u>	good	colourless
	A	SP
	none	none
	G	R
<u>ISP 3</u>	sparse	colourless
	A	SP
	none	none
	G	R
<u>ISP 4</u>	good	colourless
	A	SP
	none	none
	G	R
<u>ISP 5</u>	good	colourless
	A	SP
	none	none
	G	R
<u>ISP 6</u>	good	colourless
	A	SP
	none	none
	G	R
<u>ISP 7</u>	good	colourless
	A	SP
	none	none

Spore chains:

Spore surface:

Sporangia: -

Fragmentation: -

**Melanoid pigment:** - - - -

**NaCl resistance:** 7,5 %

**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	H <sub>2</sub> S
+	-	+	-	-	-	-	-	+	-	-
2+	3+	4-	5-	6+	7(+)	8+	9(+)	10(+)	11+	
12+	13-	14-	15-	16-	17+	18+	19-	20-		

**Comments: Strain produces Sangivamycin.**



***Streptomyces rimosus* subsp. *rimosus***

A – Agar plates medium 5265 and 5315

B – Agar plates medium 5006 and 5294

C – Microplate with ISP- and melanin media