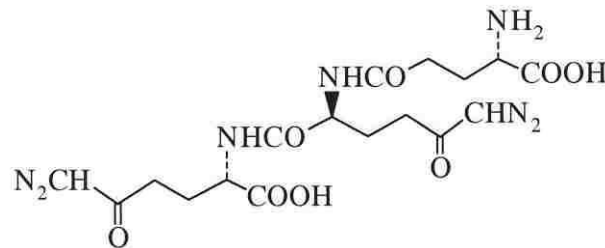


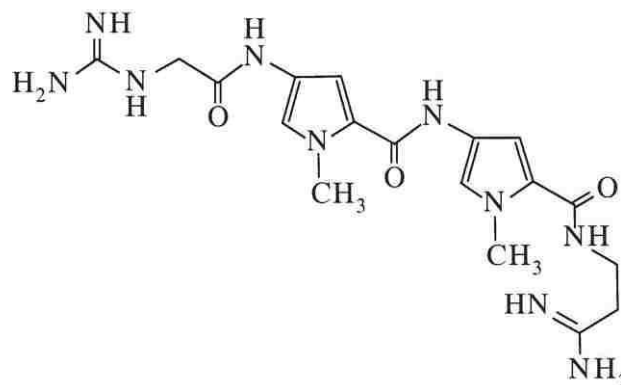
Name:	<i>Streptomyces ambofaciens</i>
Authors:	Pinnert-Sindico 1954
Status:	Approved Lists
Reference(s):	Int. J. Syst. Bacteriol. 30:371 (AL)
Risk group:	1 (German classification)
Type strain:	ATCC 23877, CBS 616.68, IFO 12836, ISP 5053, RIA 1115, DSM 40053

### Secondary metabolites from *Streptomyces ambofaciens*

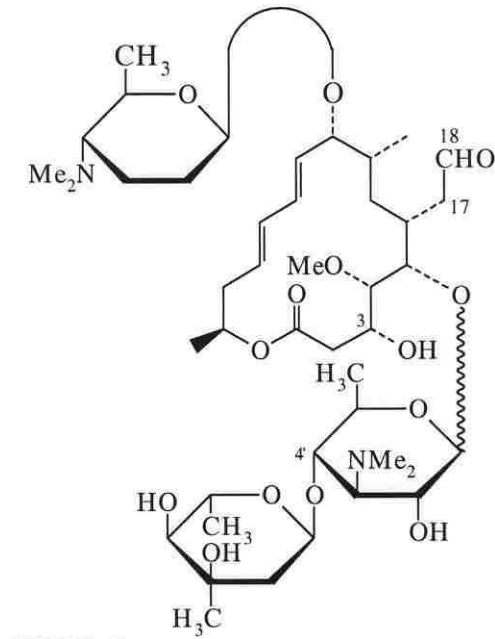
Azotomycin, oligopeptide antibiotic, shows antineoplastic activity



Netropsin, oligopeptide antibiotic with antiviral and antimicrobial activity



Foromicidin A (Spiramycin A), macrolide antibiotic with broad-spectrum antibacterial activity



**Genus:** *Streptomyces*

FH 6312

**Species:** *ambofaciens*

**Numbers in other collections:** DSM 40053

Morphology:

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

Spore chains:

Spore surface:

Sporangia: -

Fragmentation: -

Melanoid pigment: - - - -

NaCl resistance: %

Lysozyme resistance:

pH: Value-

Optimum-

Temperature : Value-

Optimum- 28 °C

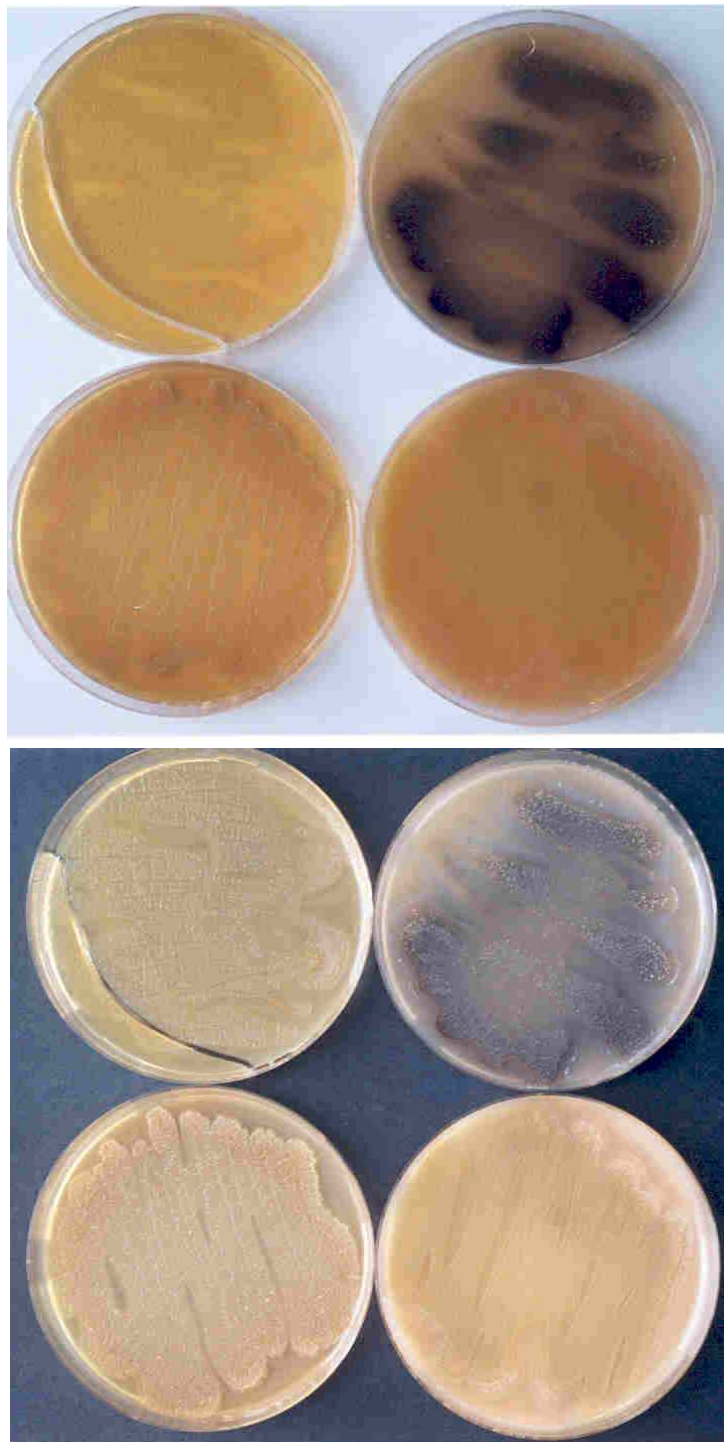
Carbon utilization:

Glu	Ara	Suc	Xyl	Ino	Man	Fru	Rha	Raf	Cel
+	+	+	-	+	+	+	+	-	+

Enzymes:

Gel	Cit	Ure	Arg	Onp	Trp	Lys	Odc	VP	Ind	H2S
+	+	+	+	+	-	+	+	-	-	-
2+	3+	4+	5+	6+	7+	8-	9-	10-	11+	
12+	13-	14+	15-	16+	17+	18+	19+	20-		

Comments:



***Streptomyces ambofaciens***

A and B – Agar plates medium 5006, 5265, 5315 and 5294