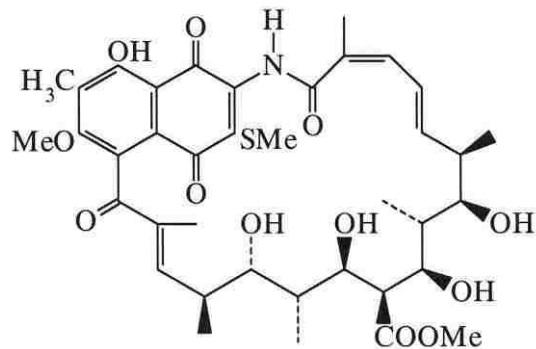
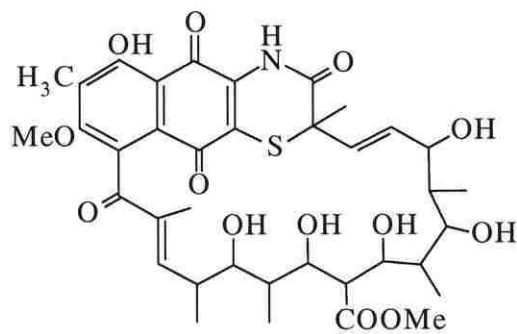


Name:	<i>Streptomyces albolongus</i>
Authors:	Tsukiura et al. 1964
Status:	Approved Lists
Reference(s):	Int. J. Syst. Bacteriol. 30:370 (AL)
Risk group:	1 (German classification)
Type strain:	ATCC 27414, CBS 766.72, IFO 13465, ISP 5570, RIA 1426, DSM 40570

Secondary Metabolites from *Streptomyces albolongus*  
Ansathiazin and Awamycin, two Ansamycin-type antibiotics, active against gram-positive bacteria.



**Genus:** *Streptomyces*

**FH 6304**

**Species:** *albolongus*

**Numbers in other collections:** **DSM 40570**

Morphology:

	G	R
<u>ISP 2</u>	good	beige
	A	SP
	none	none
	G	R
<u>ISP 3</u>	good	beige
	A	SP
	cream	none
	G	R
<u>ISP 4</u>	good	beige
	A	SP
	cream	none
	G	R
<u>ISP 5</u>	good	beige
	A	SP
	none	none
	G	R
<u>ISP 6</u>	good	terra brown
	A	SP
	none	terra brown
	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 albolongus***

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



***Streptomyces albolongus***

C – Microplate with ISP- and melanin media