Name:	***Micromonospora halophytica***
Authors:	Weinstein et al. 1968
Status:	Approved Lists
Literature:	Int. J. Syst. Bacteriol. 30:322 (AL)
Risk group:	1 (German classification)
Type strain:	DSM 43171

Name:	*Micromonospora halophytica* subsp. *halophytica*
Authors:	Weinstein et al. 1968
Status:	Approved Lists, Previously Subspecies
Literature:	Int. J. Syst. Bacteriol. 30:322 (AL)
Risk group:	1 (German classification)
Type strain:	ATCC 27596, DSM 43171, NRRL 2998
Synonym:	*Micromonospora halophytica*

Name:	*Micromonospora halophytica* subsp. *nigra*
Authors:	Weinstein et al. 1968
Status:	Basonym
Literature:	Int. J. Syst. Bacteriol. 30:322 (AL)
Risk group:	1 (German classification)
Type strain:	ATCC 33088, DSM 43818
Synonym:	*Micromonospora nigra*

Author(s)	Koch, C., Kroppenstedt, R. M., Stackebrandt, E.
Title	Intrageneric relationships of the actinomycete genus *Micromonospora*.
Journal	Int. J. Syst. Bacteriol.
Volume	46
Page(s)	383-387
Year	1996

Author(s)	Kasai, H., Tamura, T., Harayama, S.
Title	Intrageneric relationships among *Micromonospora* species deduced from *gyrB*-based phylogeny and DNA relatedness.
Journal	Int. J. Syst. Evol. Microbiol.
Volume	50
Page(s)	127-134
Year	2000

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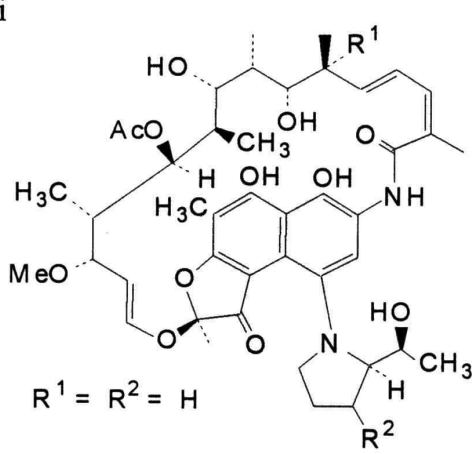
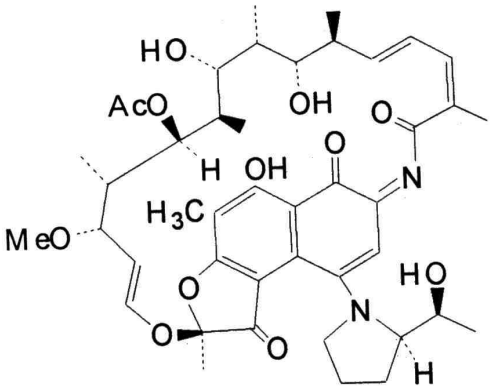
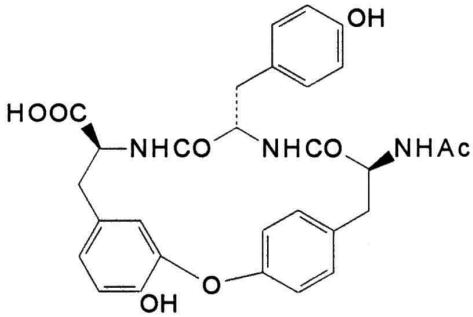
Secondary metabolites of *Micromonospora halophytica*

Halomicin, ansamycin-type antibiotics, active against gram-positive bacteria and fungi





K 13, inhibitor of angiotensin I converting enzyme



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Genus: ***Micromonospora*** **FH 2357**
Species: ***halophytica***
Numbers in other collections: ATCC 27596

Morphology:

	G	R
ISP 2	good	orange
	A	SP
	none	none
	G	R
ISP 3	good	orange - black
	A	SP
	none	none
	G	R
ISP 4	good	orange
	A	SP
	none	none
	G	R
ISP 5	good	orange
	A	SP
	white	none
	G	R
ISP 6	sparse	orange
	A	SP
	none	none
	G	R
ISP 7	good	orange
	A	SP
	none	none

Spore chains: Spore surface:
Sporangia: Fragmentation:

Melanoid pigment: **- - - -**
NaCl resistance: 2,5 %
Lysozyme resistance: -
pH: Value- from - Optimum-
Temperature : Value- Optimum- 28 ℃

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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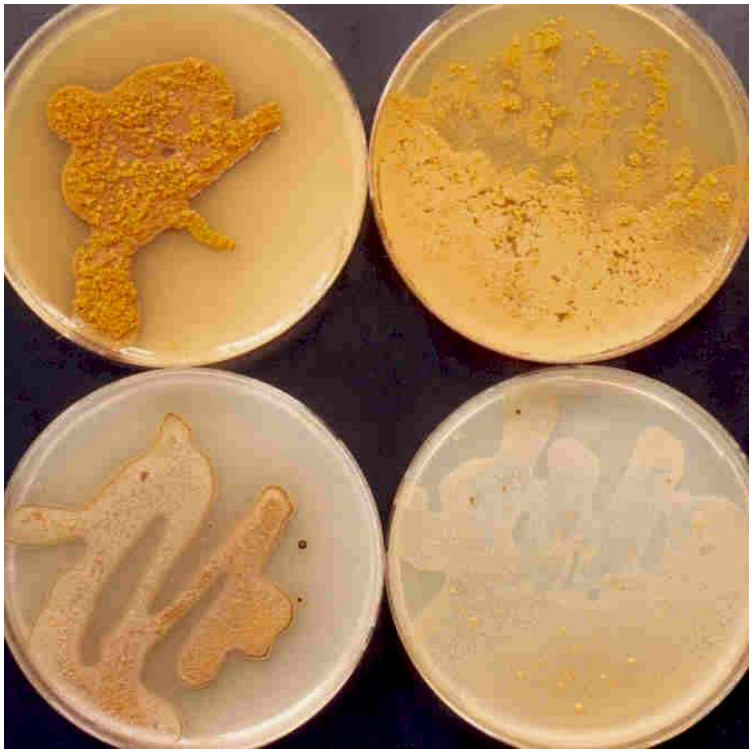

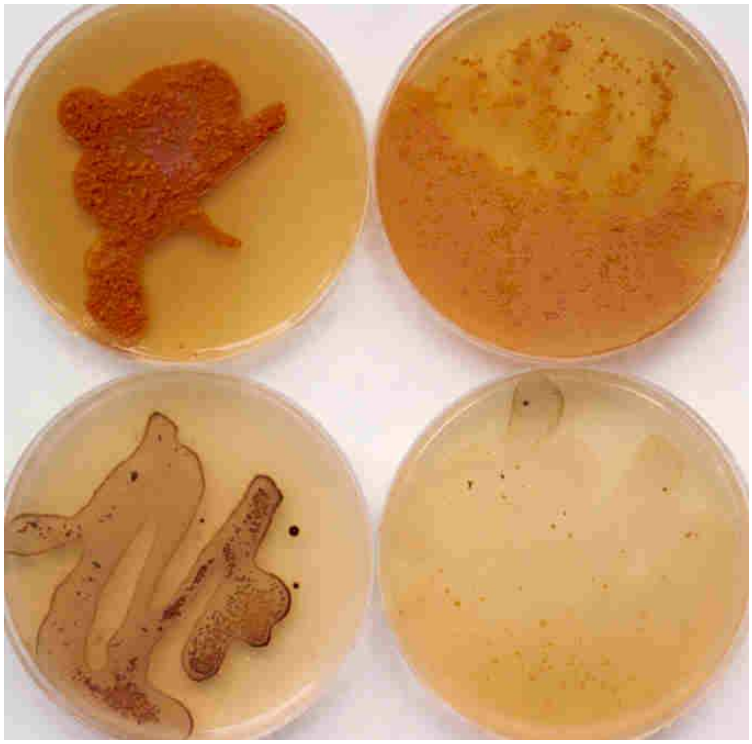

Micromonospora halophytica
A and B – Agar plates medium 5265, 5315, 5317 and 5323

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Micromonospora halophytica
C and D – Agar plates medium 5318, 5322, 5337 with and without tyrosine

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