

Name: ***Streptomyces milbemycinicus***

Authors: Kumar and Goodfellow 2010

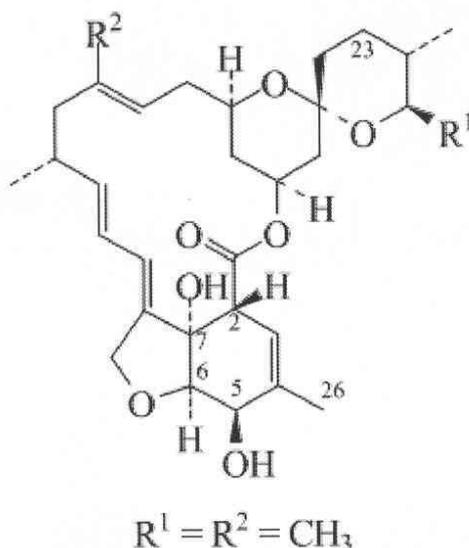
Status: sp. nov. (VP)

Reference: Int. J. Syst. Evol. Microbiol. 60:774

Type strain: DSM 41911, NRRL 5739

Author: Kumar Y; Goodfellow M;
Title: Reclassification of *Streptomyces hygrosopicus* strains as *Streptomyces aldersoniae* sp. nov., *Streptomyces angustmyceticus* sp. nov., comb. nov., *Streptomyces ascomycinicus* sp. nov., *Streptomyces decoyicus* sp. nov., comb. nov., *Streptomyces milbemycinicus* sp. nov. and *Streptomyces wellingtoniae* sp. nov.

Journal: Int J Syst Evol Microbiol
Volume: 60
Page: 769-775
Year: 2010



Milbemycin
Macrolide antibiotic, anthelmintic agent

Genus: *Streptomyces* FH 8063

Species: *milbemycinicus*

Numbers in other collections: DSM 41911

Morphology:

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

Melanoid pigment: - + + -

NaCl resistance: %

Lysozyme resistance:

pH: Value- Optimum-

Temperature : Value- Optimum- 28°C

Carbon utilization:

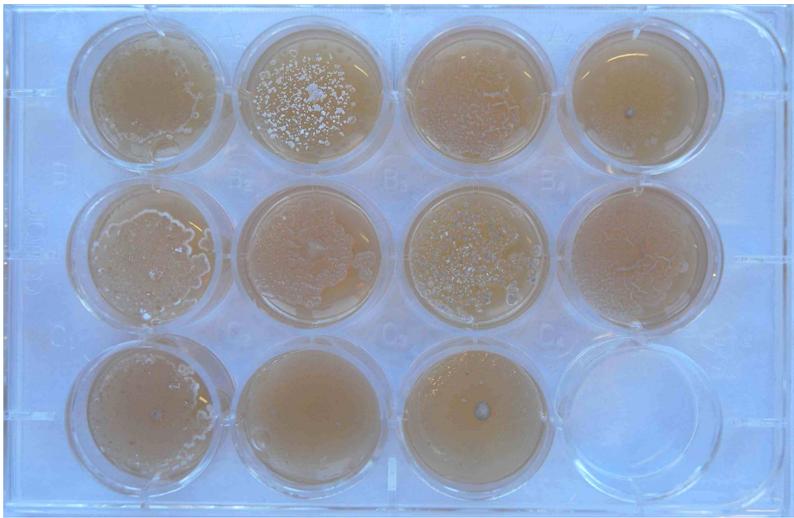
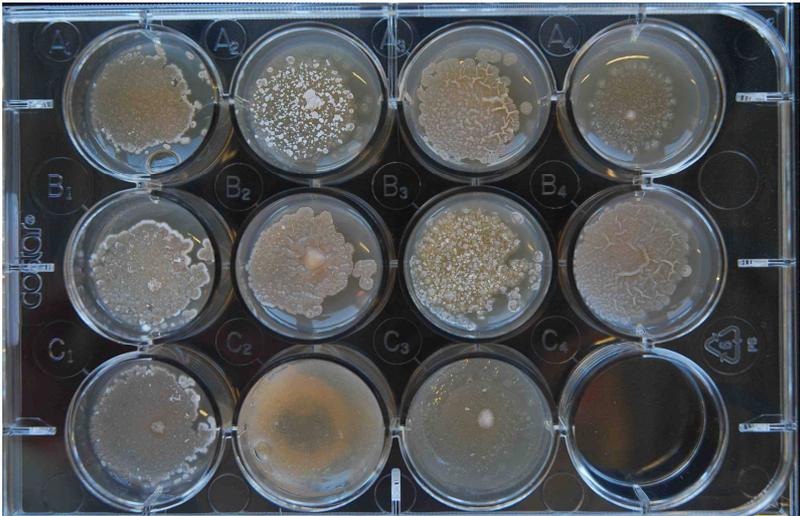
Glu	Ara	Suc	Xyl	Ino	Man	Fru	Rha	Raf	Cel
+	++	+	-	+	-	+	-	+	-

Enzymes:

2+	3-	4+	5(+)	6+	7-	8-	9-	10-	11+
12+	13+	14+	15-	16+	17+	18+	19+	20-	

Comments:





Use of Carbohydrates



Api Zym

Compendium of Actinobacteria from Dr. Joachim M. Wink
University of Braunschweig