Name: ***Dactylosporangium vinaceum***

Authors: Shomura et al. 1983

Status: New Species

Literature: Int. J. Syst. Bacteriol. 33:312

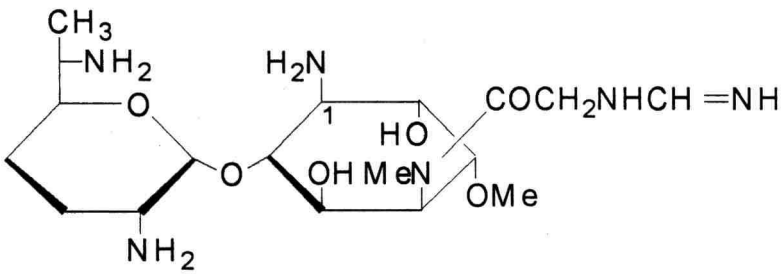
Risk group: 1 (German classification)

Type strain: ATCC 35207, DSM 43823, IFO 14181, SF-2127

Author(s)	Shomura, T., Yoshida, J., Miyadoh, S., Ito, T., Niida, T.
Title	*Dactylosporangium vinaceum* sp. nov.
Journal	Int. J. Syst. Bacteriol.
Volume	33
Page(s)	309-313
Year	1983

Secondary metabolites of *Dactylosporangium vinaceum*

Dactimicin, aminoglycoside antibiotic, active against gram-positive and –negative bacteria



Genus: ***Dactylosporangium*** **FH 2133**
Species: ***vinaceum***
Numbers in other collections: IFO 14181

Morphology:

	G	R
ISP 2	good	brown
	A	SP
	none	wine red
	G	R
ISP 3	good	beige
	A	SP
	none	red
	G	R
ISP 4	good	beige
	A	SP
	none	wine red
	G	R
ISP 5	good	red brown
	A	SP
	none	wine red
	G	R
ISP 6	sparse	beige
	A	SP
	none	red
	G	R
ISP 7	good	red brown
	A	SP
	none	dark red

Spore chains: Spore surface: smooth
Sporangia: + Fragmentation:

Melanoid pigment: **- - - -**
NaCl resistance: 0 – 2,5 %
Lysozyme resistance:
pH: Value- Optimum-
Temperature : Value- Optimum- 28 ℃

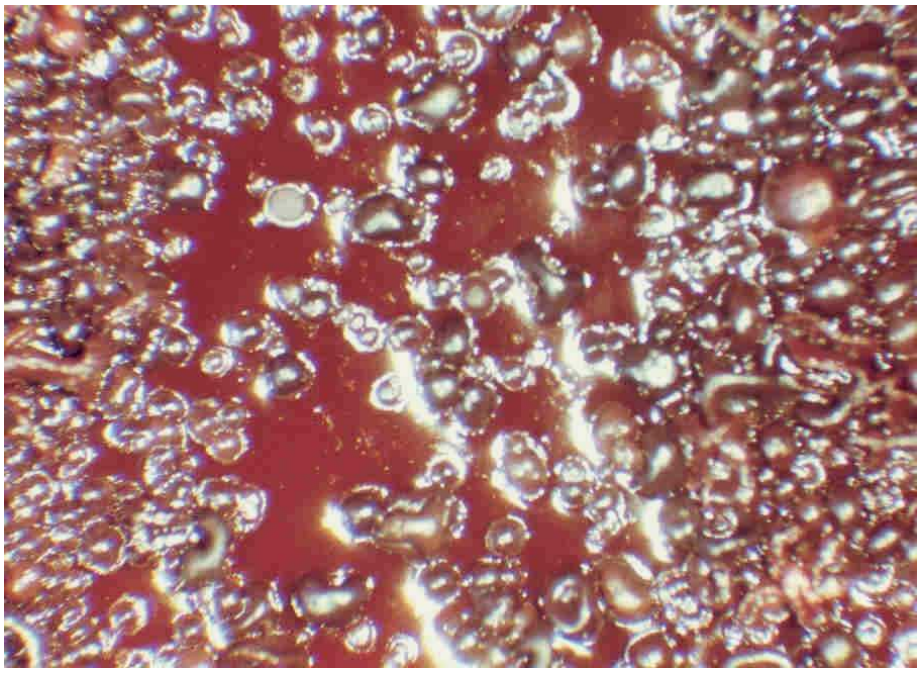
Carbon utilization:

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

Enzymes:

Gel	Cit	Ure	Arg	Onp	Trp	Lys	Odc	VP	Ind	H2S
+	-	-	-	-	-	-	-	-	-	-

Comments:



Dactylosporangium vinaceum
A – Colony detail on medium 5333
B – Colony detail on medium 5327