

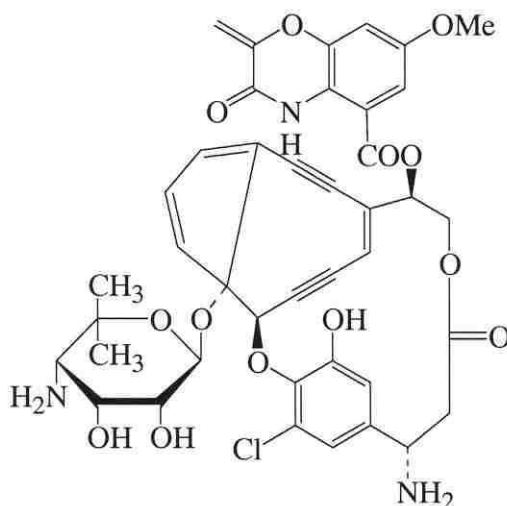
Name: *Streptomyces globisporus* subsp. *caucasicus*  
Authors: (Kudrina 1957) Pridham et al. 1958  
Status: Approved Lists  
Reference(s): Int. J. Syst. Bacteriol. 30:384 (AL)  
Risk group: 1 (German classification)  
Type strain: ATCC 19907, CBS 120.60, INA 13195154, DSM 40814

Name: *Streptomyces globisporus* subsp. *flavofuscus*  
Authors: (Kudrina 1957) Pridham et al. 1958  
Status: Basonym  
Reference(s): Int. J. Syst. Bacteriol. 30:384 (AL)  
Type strain: ATCC 19908  
Reclassified: *Streptomyces flavofuscus*

Name: ***Streptomyces globisporus* subsp. *globisporus***  
Authors: (Krassilnikov 1941) Waksman 1953  
Status: Approved Lists  
Reference(s): Int. J. Syst. Bacteriol. 30:384 (AL)  
Risk group: 1 (German classification)  
Type strain: ATCC 15864, DSM 40199

#### Metabolite described from *Streptomyces globisporus*

Antibiotic C 1027, antitumor agent, active against gram-positive bacteria. Structure composed of a protein moiety and a non-protein chromophore component. The non-protein chromophore has been shown to consist of at least 4 components of similar structure and the structure of one of these is shown.



**Genus:** *Streptomyces* **FH 6366**  
**Species:** *globisporus* **Subspecies:** *globisporus*  
**Numbers in other collections:** DSM 40199

Morphology:

	G	R
<u>ISP 2</u>	good	ochre yellow
	A	SP
	oyster white	none
	G	R
<u>ISP 3</u>	good	ivory
	A	SP
	oyster white	none
	G	R
<u>ISP 4</u>	good	green brown
	A	SP
	light grey	none
	G	R
<u>ISP 5</u>	good	ivory
	A	SP
	none	none
	G	R
<u>ISP 6</u>	good	sand yellow
	A	SP
	none	none
	G	R
<u>ISP 7</u>	good	beige
	A	SP
	none	none

Spore chains:

Sporangia: -

Spore surface:

Fragmentation: -

**Melanoid pigment:** ----

**NaCl resistance:** %

**Lysozyme resistance:**

**pH:** Value-

Optimum-

**Temperature :** Value-

Optimum- 28 °C

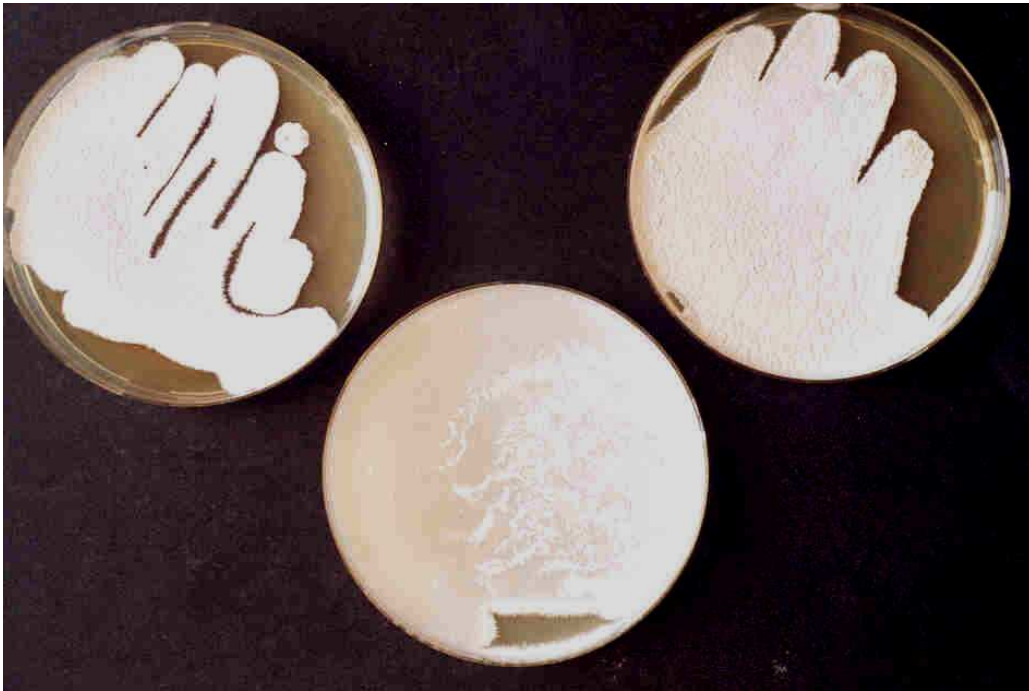
**Carbon utilization:**

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 globisporus***

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



***Streptomyces globisporus***

C and D – Microplate with ISP- and melanin media