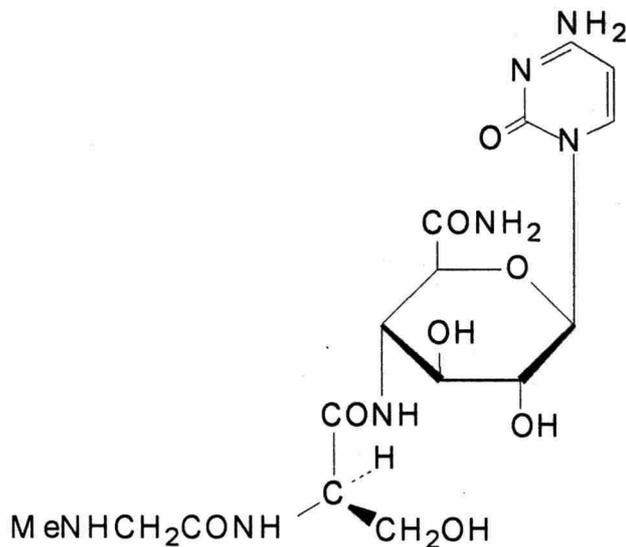


Name:	<i>Streptomyces gougerotii</i>
Authors:	(Duche 1934) Waksman and Henrici 1948
Status:	Approved Lists
Reference(s):	Int. J. Syst. Bacteriol. 30:384 (AL)
Risk group:	1 (German classification)
Type strain:	CBS 422.34, IMET 40289, DSM 40324

Secondary metabolites from *Streptomyces gougerotii*

Gougerotin, a nucleosid antibiotic, showing antibacterial and antiviral activity inhibiting peptide bond formation.



Genus: *Streptomyces*

FH 2109

Species: *gougerotii*

Numbers in other collections: DSM 40324

Morphology:

<u>ISP 2</u>	G good A yellow/reddish	R yellowish-brown SP none
<u>ISP 3</u>	G good A white	R white SP none
<u>ISP 4</u>	G good A white	R yellow SP none
<u>ISP 5</u>	G good A sparse	R yellow-brown SP none
<u>ISP 6</u>	G A	R SP
<u>ISP 7</u>	G A	R SP

Spore chains: RF

Spore surface: smooth

Sporangia:

Fragmentation:

Melanoid pigment: -

NaCl resistance: growth up to 5 %

Lysozyme resistance:

pH: Value-

Optimum-

Temperature : Value-

Optimum- 30°C

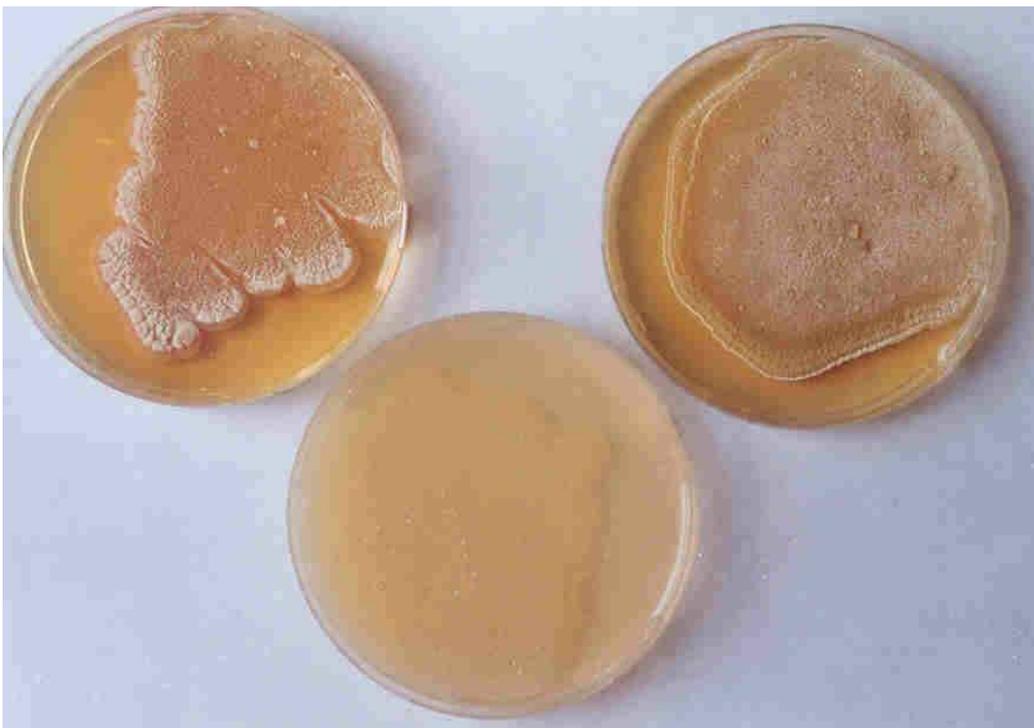
Carbon utilization:

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

Enzymes:

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

Comments:



Streptomyces gougerotii

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



Streptomyces gougerotii

C and D – Microplate with ISP and melanin media