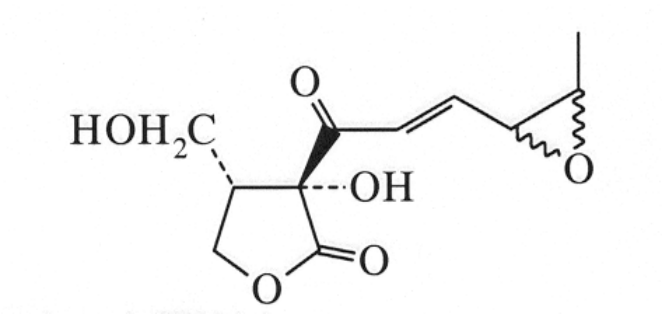
Name:	*Streptomyces corchorusii*
Authors:	Ahmad and Bhuiyan 1958
Status:	Approved Lists
Reference(s):	Int. J. Syst. Bacteriol. 30:378 (AL)
Risk group:	1 (German classification)
Type strain:	ATCC 25444, DSM 40340

Secondary metabolite produced by *Streptomyces corchorusii*

Butalactin, exhibits weak antibacterial activity



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Genus: ***Streptomyces*** **FH 6346**
Species: ***corchorusii***
Numbers in other collections: DSM 40340

Morphology:

	G	R
ISP 2	good	dahlia yellow
	A	SP
	cream	none
	G	R
ISP 3	good	lemon yellow
	A	SP
	light grey	none
	G	R
ISP 4	good	beige
	A	SP
	light grey	none
	G	R
ISP 5	good	lemon yellow
	A	SP
	none	none
	G	R
ISP 6	good	lemon yellow
	A	SP
	none	none
	G	R
ISP 7	good	dahlia yellow
	A	SP
	none	none

Spore chains: Spore surface:
Sporangia: - Fragmentation: -

Melanoid pigment: - - - -
NaCl resistance: %
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
+	+	+	+	+	-	+	+	+	-	-
2+	3+	4+	5-	6+	7+	8-	9+	10-	11+	
12+	13+	14+	15-	16+	17(+)	18+	19+	20+		

Comments:

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

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Streptomyces corchorusii
C and D – Microplate with ISP- and melanin media

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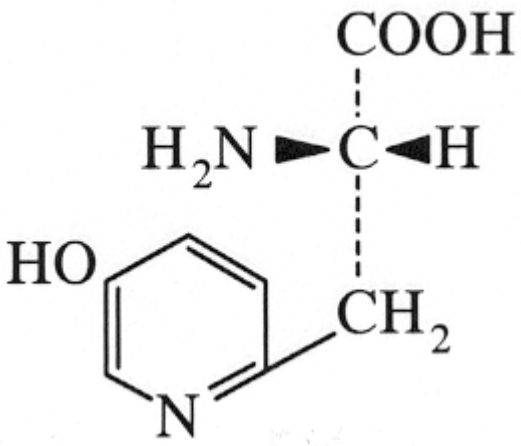
Name:	*Streptomyces chibaensis*
Authors:	Suzuki et al. 1958
Status:	Approved Lists
Reference(s):	Int. J. Syst. Bacteriol. 30:376 (AL)
Risk group:	1 (German classification)
Type strain:	ATCC 23895, CBS 681.68, IFO 12850, ISP 5220, RIA 1164, DSM 40220
Synonym(s):	*Streptomyces corchorusii*

Secondary Metabolite from *Streptomyces chibaensis*

Azatyrosine, α-amino-5-hydroxy-2-pyridinepropanoic acid, an aminoacid antibiotic, antiviral and antibacterial agent, also shows anti-inflammatory activity



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Genus: ***Streptomyces*** **FH 6337**
Species: ***chibaensis***
Numbers in other collections: DSM 40220

Morphology:

	G	R
ISP 2	good	sand yellow
	A	SP
	none	none
	G	R
ISP 3	good	beige
	A	SP
	none	none
	G	R
ISP 4	good	sand yellow
	A	SP
	none	none
	G	R
ISP 5	good	beige
	A	SP
	none	none
	G	R
ISP 6	good	sand yellow
	A	SP
	none	none
	G	R
ISP 7	good	beige
	A	SP
	none	none

Spore chains: Spore surface:
Sporangia: - Fragmentation: -

Melanoid pigment: **- - - -**
NaCl resistance: %
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
+	+	+	+	+	-	+	-	+	-	-
2+	3+	4+	5-	6+	7+	8+	9+	10+	11+	
12+	13+	14+	15-	16+	17-	18+	19+	20-		

Comments:

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

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Streptomyces chibaensis
C and D – Microplate with ISP- and melanin media

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