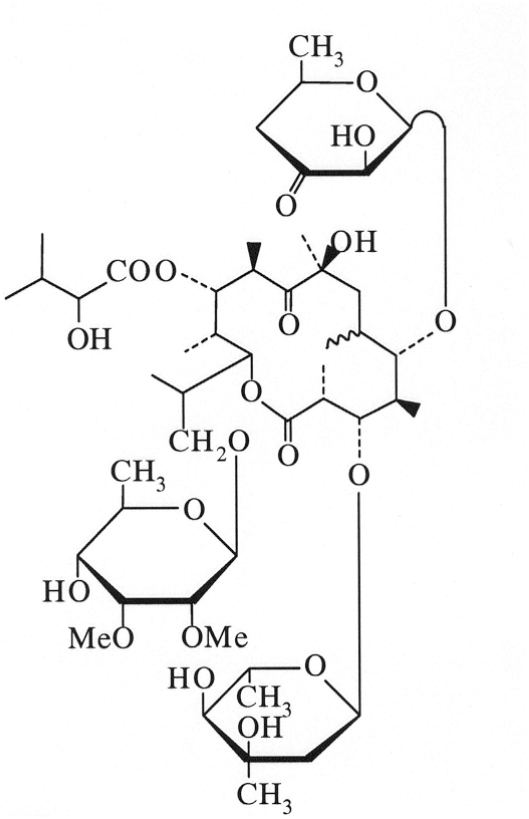
| | |
|---|---|
| Name: | *Streptomyces chryseus* |
| Authors: | (Krassilnikov et al. 1965) Pridham 1970 |
| Status: | Approved Lists |
| Reference(s): | Int. J. Syst. Bacteriol. 30:376 (AL) |
| Risk group: | 1 (German classification) |
| Type strain: | ATCC 19829, CBS 678.72, IFO 13377, ISP 5420, RIA 1338, DSM 40420 |

Secondary metabolite from *Streptomyces chryseus*

Antibiotic CP 63693, macrolide antibiotic, active against gram-positive bacteria and tuberculosis



**Genus:** ***Streptomyces*** **FH 6338**
**Species:** ***chryseus***
**Numbers in other collections: DSM 40420**

Morphology:

| | | |
|---|---|---|
| | G | R |
| ISP 2 | good | yellow orange |
| | A | SP |
| | cream | none |
| | G | R |
| ISP 3 | good | rape yellow |
| | A | SP |
| | cream | none |
| | G | R |
| ISP 4 | good | beige |
| | A | SP |
| | cream | none |
| | G | R |
| ISP 5 | good | beige |
| | A | SP |
| | none | none |
| | G | R |
| ISP 6 | good | beige |
| | A | SP |
| | none | none |
| | G | R |
| ISP 7 | good | lemon 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:**

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

***Streptomyces chryseus***
C and D – Microplate with ISP- and melanin media