

***Streptomyces coelicolor*** (Muller) Waksman & Henrici

**6004** <- IFO 3114 <- CBS.

ISP Medium No.2. 28°C

Synonym *Actinomyces violaceus-ruber*.

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***Streptomyces coelicolor*** (Muller) Waksman & Henrici

**6005** <- IFO 3176 <- ATCC 10147 <- IMRU 3034 (S. A. Waksman).

=NBRC 3176 =JCM 4020 =ATCC 10147

ISP Medium No.2. 28°C

Synonym

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***Streptomyces lavendulae*** subsp. *lavendulae* (Waksman & Curtis) Waksman & Henrici

**6006**<sup>T</sup> <- IFO 3177 <- ATCC 8664 <- IMRU 3440-8 (S. A. Waksman).

=NBRC 12789 12903 3177 =ATCC 8664 19777 23950 =JCM  
4055 4589 4664 =CBS 515.68

ISP Medium No.2. 28°C

Reference(99)(107)(110)(127)(128).

Synonym *Streptomyces colombiensis*.

*Streptomyces lavendulae*.

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Streptomycin production.

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***Streptomyces lavendulae*** subsp. *lavendulae* (Waksman & Curtis) Waksman & Henrici

**6007** <- IFO 3145 <- RTCI 700 (K. Nakazawa).

=NBRC 3145

ISP Medium No.2. 28°C

Reference(184)(185).

Synonym

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***Streptomyces roseochromogenes*** (Jensen) Waksman & Henrici

**6011** <- IFO 3363 <- NIHJ 0-27 (Y. Okami).

=NBRC 3363

ISP Medium No.2. 28°C

Synonym

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Novemycin production.

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*Streptomyces phaeochromogenes* (Conn) Waksman and Henrici.

**6013** <- IFO 3149 <- RTCI 3054 (K. Nakazawa).

=NBRC 3149

ISP Medium No.2. 28°C

Reference(135).

Synonym

L-alanine dehydrogenase production.

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*Streptomyces fradiae* (Waksman & Curtis) Waksman & Henrici

**6018** <- IFO 3360 <- NIHJ 251 (Y. Okami).

=NBRC 3360

ISP Medium No.4. 28°C

Synonym *Streptomyces roseoflavus*.

Streptomycin B (neomycin) production.

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*Streptomyces flavovirens* (Waksman) Waksman & Henrici

**6019** <- IFO 3197 <- CBS.

=NBRC 3412 3197 3197 3716 12771 =JCM 4578 4035 =ATCC  
19758 3320 =CBS 129.20 496.68

ISP Medium No.2. 28°C

Synonym

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*Streptomyces halstedii* (Waksman & Curtis) Waksman & Henrici

**6025** <- IFO 3199 <- CBS 423.34 <- J. Duché.

=NBRC 3199 =CBS 423.34

ISP Medium No.2. 28°C

Synonym

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*Streptomyces hygroscopicus* subsp. *hygroscopicus* (Jensen) Waksman & Henrici

**6026**<sup>T</sup> <- IFO 3192 <- CBS (Westerdijk; ETH 13081).

=NBRC 3192 =IFM 1100 =JCM 4140 =ATCC 10976

ISP Medium No.4. 28°C

Reference(84)(110)(125).

Synonym

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*Streptomyces scabies* corrig. (Thaxter) Waksman & Henrici

6027 <- IFO 3111 <- CBS (Butler).

=NBRC 3111

JCM Medium No.42.

28°C

Synonym *Streptomyces scabies* (sic).

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*Streptomyces reticuli* (Waksman & Curtis) Waksman & Henrici

6028 <- IFO 3354 <- IFO (K. Nakazawa; 5658).

=NBRC 3354 =JCM 4120

ISP Medium No.2.

28°C

Synonym

Hydroxystreptomycin (reticulin) production.

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*Streptomyces viridochromogenes* (Krainsky) Waksman & Henrici

6031 <- OEU (Shinobu).

ISP Medium No.2.

28°C

Synonym

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*Streptomyces nitrosporeus* Okami

6032<sup>T</sup> <- IFO 3362 <- NIHJ 21 (Y. Okami; O-20). From soil. Tokyo. Japan.

=NBRC 12803 =ATCC 12769 19792 =CBS 544.68

ISP Medium No.2.

28°C

Reference(84)(107)(132)(133).

Synonym

Nitrosporin production.

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*Streptomyces hirosimensis* (Shinobu) Witt & Stackebrandt

6033<sup>T</sup> <- OEU 201 (R. Shinobu). From soil. Hiroshima. Japan.

=NBRC 12785 3839 =JCM 4098 4586 =ATCC 19772 =CBS  
510.68

ISP Medium No.2.

28°C

Synonym

Former name: *Streptoverticillium hirosimense*.

---

*Streptomyces griseus* subsp. *griseus* (Krainsky) Waksman & Henrici

**6036** <- IFO 3102 <- RTCI 2315 (K. Nakazawa).

=NBRC 3102

ISP Medium No.2. 28°C

Synonym

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*Streptomyces griseus* subsp. *griseus* (Krainsky) Waksman & Henrici

**6037** <- IFO 3237 <- RTCI <- FAT X28 (H. Sakai).

=NBRC 3237

ISP Medium No.2. 28°C

Synonym *Streptomyces griseus*.

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*Streptomyces griseus* subsp. *griseus* (Krainsky) Waksman & Henrici

**6038** <- IFO 3355 <- NIHJ 184-4 (Y. Okami).

=NBRC 3355

ISP Medium No.2. 28°C

Synonym *Streptomyces griseus*.

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*Streptomyces eurocidicus* (Okami et al.) Witt and Stackebrandt

**6040** <- IAM W-7-6.

=NBRC 12737 3400 =IFM 1068 =JCM 4116 4562 =ATCC 19721  
=CBS 460.68

JCM Medium No.44. 28°C

Synonym

Eurocidin production.  
Enteromycin (seligocidin) production.  
Carbomycin production.  
Type strain of *Streptoverticillium albireticuli*.

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*Streptomyces arabicus* Shibata et al.

**6041**<sup>T</sup> <- IAM W-8-2.

=NBRC 12840 14035 3406 =IFM 1118 =JCM 4161 4622 =ATCC  
23881 =CBS 661.68

ISP Medium No.2. 28°C

Synonym

Croceomycin (resistomycin) production.

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***Streptomyces abikoensis*** (Umezawa et al.) Witt and Stackebrandt

**6042** <- IAM W-7-4.

ISP Medium No.2. 28°C

Synonym *Streptomyces ehimensis*.  
*Streptoverticillium ehimense*.

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***Streptomyces sindenensis*** Nakazawa & Fujii

**6043** <- IAM W-7-5.

ISP Medium No.2. 28°C

Synonym Amicetin (allomycin) production.

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***Streptomyces albogriseolus*** Benedict et al.

**6045**<sup>T</sup> <- IAM 0031 <- ATU <- NRRL B-1305 (T. Pridham; 7-A).

=NBRC 12834 3413 3709 =JCM 4004 4616 =ATCC 23875 =CBS  
614.68 ISP Medium No.2. 28°C  
Reference(107)(108)(109)(110)(142).

Synonym Neomycin complex production.

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***Streptomyces aureofaciens*** Duggar

**6048**<sup>T</sup> <- IAM W-5-5.

=NBRC 12843 12594 =JCM 4008 4624 =ATCC 10762 23884  
=CBS 664.68 ISP Medium No.2. 28°C

Synonym Chlortetracycline (aureomycin) production.

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***Streptomyces californicus*** (Waksman & Curtis) Waksman & Henrici

**6049** <- IAM W-6-2 <- IMRU 3312 (S. A. Waksman).

=NBRC 12750 3386 =JCM 4015 4567 =ATCC 19734 3312 =CBS  
125.20 354.53 473.68 ISP Medium No.2. 28°C

Synonym

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*Streptomyces cinnamomensis* Okami

6050<sup>T</sup> <- IAM W-3-10.

=NBRC 15873 3414 =IAM 0020 =JCM 4019 =ATCC 12308 =CBS 411.63 ISP Medium No.2. 28°C

Synonym

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*Streptomyces flavovirens* (Waksman) Waksman & Henrici

6053<sup>T</sup> <- IAM W-5-7.

=NBRC 3197 3412 3716 =JCM 4035 4578 =ATCC 19758 3320 =CBS 129.20 189.75 279.30 496.68 ISP Medium No.2. 28°C  
Reference(49)(106).

Synonym

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*Streptomyces fradiae* (Waksman & Curtis) Waksman & Henrici

6054<sup>T</sup> <- IAM 0088.

=NBRC 12777 3719 3416 3415 =JCM 4042 4043 4581 =ATCC 19764 3325 =CBS 280.30 502.68 ISP Medium No.4. 28°C

Synonym *Streptomyces roseoflavus*.

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*Streptomyces griseolus* (Waksman) Waksman & Henrici

6056<sup>T</sup> <- IAM W-6-9 <- IMRU 3325 (Waksman).

=NBRC 12777 3719 3416 3415 =JCM 4042 4043 4581 =ATCC 19764 3325 =CBS 280.30 502.68 IFO Medium No.231. 28°C

Synonym

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*Streptomyces griseoluteus* Umezawa et al.

6058<sup>T</sup> <- IAM 0060.

=NBRC 13375 =IFM 1055 =JCM 4041 4765 =ATCC 12768 =CBS 112.66 676.72 ISP Medium No.2. 28°C

Synonym

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*Streptomyces microflavus* (Krainsky) Waksman & Henrici.

**6059**<sup>T</sup> <- IAM 0036 (T. Yamaguchi) <- ATCC 3331 <- IMRU 3331. From soil.

=NBRC 12791 3410 3721 =JCM 4590 4058 =ATCC 19779 3331      ISP Medium No.4.      28°C  
=CBS 532.68      Reference(107)(110)(129).

Synonym

Type strain of *Streptomyces lipmanii*.

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*Streptomyces olivaceus* (Waksman) Waksman & Henrici

**6061** <- IAM W-2-9 <- Fac. Med. Tohoku Univ. <- NRRL B-1125.

=NBRC 3409 3724 =IFM 1089 =JCM 4066 =ATCC 11626 =CBS      ISP Medium No.2.      28°C  
355.53

Synonym

Vitamin B12 (Cyanocobalamine) production.

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*Streptomyces parvus* (Krainsky) Waksman & Henrici

**6062**<sup>T</sup> <- IAM W-5-10.

=NBRC 3388 14599 =JCM 4069 =ATCC 12433 =CBS 427.61      ISP Medium No.2.      28°C

Synonym

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*Streptomyces purpurascens* Lindenbein

**6063** <- IAM 0052 (T. Yamaguchi) <- MTHU <- NRRL 1454.

=NBRC 109895 =JCM 4072      ISP Medium No.2.      28°C

Synonym

Rhodomyces production.

---

*Streptomyces roseochromogenes* (Jensen) Waksman & Henrici

**6065** <- IAM 0027.

=NBRC 109896      ISP Medium No.2.      28°C

Synonym

*Streptomyces roseochromogenes* (Jensen) Waksman & Henrici

6066 <- IAM 0039.

ISP Medium No.2. 28°C

Synonym

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*Streptomyces roseochromogenes* (Jensen) Waksman & Henrici

6067 <- IAM W-2-6 <- Fac. Med. (Tohoku Univ; O-20-316).

=NBRC 3411

ISP Medium No.2. 28°C

Synonym

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*Streptomyces tanashiensis* Hata et al.

6070<sup>T</sup> <- IAM W-3-8 <- T. Hata (144). From Cultivated soil. Tanashi. Tokyo. Japan.

=NBRC 12919 =JCM 4086 4671 =ATCC 23967 =CBS 950.68  
165.64

ISP Medium No.2. 28°C

Synonym

Luteomycin production.

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*Streptomyces thioluteus* (Okami) Witt & Stachebrandt

6071<sup>T</sup> <- IAM W-6-5 <- Y. Okami 26-A.

=NBRC 336 13341 =JCM 4087 4182 4844 =ATCC 12310 =CBS  
642.72

ISP Medium No.2. 28°C

Synonym *Streptovercillium thioluteum*.

Thiolutin and Aureothricin production.

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*Streptomyces* sp. Jones

6073 <- IAM W-6-4 <- MTHU <- NRRL B-1381.

=NBRC 13098 =JCM 4091 4528 =ATCC 11861 25510 =CBS  
307.55 652.69

ISP Medium No.2. 28°C

Synonym

Former name: *Streptomyces vinaceus*.

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***Streptomyces virginiae*** Grundy et al.

**6074** <- IAM W-4-8 <- ATU <- Abbott Labs. (NA-255-M25). From soil. Near Roanoke. Va. USA.

=NBRC 3392 =JCM 4093

ISP Medium No.2. 28°C

Synonym

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***Streptomyces viridochromogenes*** (Krainisky) Waksman & Henrici

**6075** <- IAM W-3-4 <- IID H-365.

ISP Medium No.2. 28°C

Synonym

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***Streptomyces sulphureus*** (Gasparini) Waksman

**6080**<sup>T</sup> <- IAM (H. Yonehara) <- NRRL B-1627.

=NBRC 13345 =JCM 4085 4835 =ATCC 27468 =CBS 646.72

ISP Medium No.2. 28°C  
Reference(107)(110)(120)(139).

Synonym

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***Streptomyces parvulus*** Waksman & Gregory

**6081**<sup>T</sup> <- IAM <- NRRL B-1628.

=NBRC 13193 =JCM 4068 4601 =ATCC 12434 19796 =CBS  
548.68 418.59

ISP Medium No.2. 28°C

Synonym

Actinomycin D production.

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***Actinoalloteichus cyanogriseus*** Tamura et al.

**6083**<sup>T</sup> <- IAM <- NRRL B-1623. From rice straw.

=NBRC 13344 =JCM 4014 4730 =ATCC 27421 =CBS 645.72

ISP Medium No.2 28°C  
Reference(110)(139).

Synonym *Streptomyces caeruleus*.

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***Streptomyces bikiniensis*** Johnstone & Waksman

**6084**<sup>T</sup> <- IAM 0019 <- NRRL B-1049 <- IMRU 3514. Frpm soil. Bikini Atoll.

=NBRC 14598 =IFM 1057 =JCM 4011 =ATCC 11062 =CBS 412.54  
ISP Medium No.2. 28°C

Synonym

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***Streptomyces salmonis*** (Baldacci et al.) Witt & Stackebrandt

**6085**<sup>T</sup> <- IAM (H. Yonehara) <- NRRL B-1472.

=NBRC 15865 =JCM 4083  
ISP Medium No.2. 28°C

Synonym *Streptoverticillium salmonis*.  
*Streptoverticillium salmonicida*.

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***Streptomyces netropsis*** (Finlay et al.) Witt & Stackebrandt

**6086**<sup>T</sup> <- IAM (H. Yonehara) <- NRRL 2268 <- Chas. Pfizer & Co. 2937 (J. Routien; 4779).

=NBRC 12893 3723 =IFM 1035 =JCM 4063 4655 =ATCC 23940  
=CBS 924.68  
ISP Medium No.2. 28°C  
Reference(68)(107)(110)(141)(142).

Synonym *Streptoverticillium netropsis*.  
Netropsin (congoicin & sinanomycin & antibiotics IA-887 & K-117 & T-1384) production.

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***Saccharopolyspora erythraea*** (Waksman) Labeda

**6087**<sup>T</sup> <- IAM 0045 (H. Yonehara) <- ATCC 11635 <- Eli Lilly & Co. (M5-12559).

=NBRC 13426 =JCM 4026 4748 =ATCC 11635 =CBS 727.72  
ISP Medium No.4. 28°C  
Reference(139)(193).

Synonym *Streptomyces erythraeus*.  
Erythromycins A and B production.

---

***Streptomyces echinatus*** Corbaz et al.

**6090**<sup>T</sup> <- ETH 8331 (R. Hutter). From soil. Angola.

=NBRC 12763 =JCM 4144 4574 =ATCC 19748 21133 =CBS 487.68 409.59  
ISP Medium No.2. 28°C  
Reference(114)(116)(117).

Synonym  
Echinomycin (levomycin & echanomycin & quinomycin A) production.

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*Streptomyces lavendulae* subsp. *lavendulae* (Waksman & Curtis) Waksman & Henrici

6093 <- IMRU <- ATCC 11924 <- Pfizer Inc. (8197-20).

=NBRC 12340 =ATCC 11924

ISP Medium No.2. 28°C

Synonym *Streptomyces lavendulae*.

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*Streptomyces fradiae* (Waksman & Curtis) Waksman & Henrici

6095<sup>T</sup> <- IMRU 3535.

=NBRC 12174 12773 =JCM 4133 4579

ISP Medium No.2. 28°C

Reference(110)(115)(120)(121)(122).

Synonym *Streptomyces roseoflavus*.

Neomycin and Fradycin production.

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*Streptomyces griseolus* (Waksman) Waksman & Henrici

6099<sup>T</sup> <- IMRU 3325.

=NBRC 12777 3719 3416 3415 =JCM 4042 4043 4581  
=ATCC 19764 3325 =CBS 280.30 502.68

ISP Medium No.2. 28°C

Synonym

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*Streptomyces griseus* subsp. *griseus* (Krainsky) Waksman & Henrici

6103 <- IMRU 3475.

ISP Medium No.2. 28°C

Synonym

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*Streptomyces albidoflavus* (Rossi Doria) Waksman & Henrici

6111 <- IPV (M) 875.

ISP Medium No.2. 28°C

Synonym

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*Streptomyces flavovirens* (Waksman) Waksman & Henrici

6112 <- IPV (M) 169 X <- Inst. Biochem. Bodens <- CBS.

ISP Medium No.2. 28°C

Synonym

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*Streptomyces halstedii* (Waksman & Curtis) Waksman & Henrici

6114 <- IPV (M) 370X.

IFO Medium No.231. 28°C

Synonym

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*Streptomyces diastaticus* subsp. *diastaticus* (Krainsky) Waksman and Henrici.

6116 <- IPV (M) 46.

IFO Medium No.231. 24°C

Synonym *Streptomyces diastaticus*.

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*Streptomyces rubrocyano-diastaticus* subsp. *piger* (Baldacci et al.) Pridham et al.

6117 <- IPV (M) 307.

=NBRC 14692 =JCM 4159

ISP Medium No.2. 28°C  
Reference(137).

Synonym

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*Streptomyces sulphureus* (Gasparini) Waksman

6120<sup>T</sup> <- IPV (M) 510X.

ISP Medium No.2. 28°C

Synonym

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*Streptomyces griseus* subsp. *griseus* (Krainsky) Waksman & Henrici

6121 <- IPV (M) 423X.

=JCM 4049

ISP Medium No.2. 28°C

Synonym

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*Streptomyces chartreusis* Leach et al.

6122 <- IPV (M) 554X.

ISP Medium No.2. 28°C

Synonym

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*Streptomyces viridans* Krass

6123 <- IPV (M) 555X <- Res. Lab. Farmitalia (Milano).

ISP Medium No.2. 28°C

Synonym

---

*Streptomyces albidus* (Duch ) Waksman

6129 <- IPV (M) 504X.

ISP Medium No.2. 28°C

Synonym

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*Streptomyces aurantiacus* (Rossi Doria) Waksman emend. Lanoot et al.

6130 <- Inst. di Pathol. Veg. Italy (IPV 880).

=NBRC 14690

ISP Medium No.2. 28°C

Synonym *Streptomyces albosporeus*.

Former name: *Streptomyces albosporeus* subsp. *albosporeus*

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*Streptomyces chrysomallus* subsp. *chrysomallus* Lindenbein

6141 <- IPV (M) 652X.

ISP Medium No.2. 28°C

Synonym

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*Streptomyces citreus* Waksman & Henrici

6143 <- IPV (M) 912.

=NBRC 109899

ISP Medium No.2. 28°C

Synonym

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*Streptomyces flavoviridis* Preobrazhenskaya

6147 <- IPV (M) 569X.

ISP Medium No.2. 28°C

Synonym *Actinomyces flavoviridis*.

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*Streptomyces fluorescens* (Krassilnikov) Pridham

6149 <- IPV (M) 654X.

ISP Medium No.2. 28°C

Synonym *Actinomyces fluorescens*.

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*Streptomyces fulvoviridis* (Kuchaeva et al.) Pridham

6150 <- IPV (M) 647X.

=NBRC 109900

ISP Medium No.2. 28°C

Synonym *Actinomyces fulvoviridis*.

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*Streptomyces gibsonii* (Erikson) Waksman & Henrici

6151 <- Inst. di Pathol. Veg. Italy (IPV 890).

=NBRC 14691

ISP Medium No.2.

28°C

Synonym

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*Streptomyces globisporus* subsp. *globisporus* (Krassilnikov) Waksman

6152 <- IPV (M) 653X.

ISP Medium No.2.

28°C

Synonym *Actinomyces globisporus*.

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*Streptomyces griseoflavus* (Krainsky) Waksman & Henrici

6153 <- IPV (M) 507X.

ISP Medium No.2.

28°C

Synonym

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*Streptomyces levoris* (Krassilnikov) Pridham

6156 <- IPV (M) 645X.

ISP Medium No.2.

28°C

Synonym *Actinomyces levoris*.

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*Streptomyces novaecaesareae* Waksman & Henrici

6158 <- IPV (M) 910.

ISP Medium No.2.

28°C

Synonym

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*Streptomyces odorifer* (Rullmann) Waksman

6159 <- IPV (M) 898.

ISP Medium No.2. 28°C

Synonym

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*Streptomyces olivoviridis* (Kuchaeva et al.) Pridham

6160 <- IPV (M) 649X.

ISP Medium No.2. 28°C

Synonym

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*Streptomyces violaceus* (Rossi-Doria) Waksman

6164 <- IPV (M) 728.

ISP Medium No.2. 28°C

Synonym

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*Streptomyces fradiae* (Waksman & Curtis) Waksman & Henrici

6173 <- OUT 8324 <- RIA 483 (USSR).

=NBRC 12176

ISP Medium No.231. 28°C

Synonym *Streptomyces roseoflavus*.

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*Streptomyces lavendulae* subsp. *lavendulae* (Waksman & Curtis) Waksman & Henrici

6182 <- IFO 3146 <- K. Nakazawa (700-A blue mutant). From Soil. Fukuoka Pref. Japan.

=NBRC 3146 =JCM 4263

ISP Medium No.2. 28°C

Synonym

Spiramycin production.

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***Streptomyces agglomeratus*** (Yen) Pridham

**6196** <- KCC S-0888 <- AS 4.372 <- Institute of Microbiology (CAS 13-194).

=NBRC 13663 =JCM 4888

ISP Medium No.2. 28°C  
Reference(104)(105).

Synonym *Actinomyces agglomeratus*.

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***Streptomyces ahygroscopicus*** Yen

**6197** <- KCC S-0889 <- AS 4.559.

=NBRC 13664 =JCM 4889

ISP Medium No.2. 28°C

Synonym *Actinomyces ahygroscopicus*.

---

***Streptomyces aurantiacogriseus*** (Yen) Pridham

**6201** <- KCC S-0893 <- AS 4.161 <- Institute of Microbiology (CAS 769).

=NBRC 13668 =JCM 4893

ISP Medium No.2. 28°C  
Reference(111).

Synonym *Actinomyces aurantiacogriseus*.

---

***Streptomyces castaneoglobisporus*** (Yen) Pridham

**6202** <- KCC S-0894 <- AS 4.159 <- Fujian Normal University 4.272.

=NBRC 13669 =JCM 4894

ISP Medium No.2. 28°C  
Reference(104)(124).

Synonym *Actinomyces castaneoglobisporus*.

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***Streptomyces flavorectus*** Juan et al.

**6205<sup>T</sup>** <- KCC S-0897 <- AS 4.747 <- Institute of Microbiology (CAS 34-773).

=NBRC 13672 =JCM 4897

ISP Medium No.2. 28°C  
Reference(118).

Synonym

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***Streptomyces glomerochromogenes*** (Yen & Zhang) Pridham

**6206**<sup>T</sup> <- KCC S-0898 <- AS 4.284 <- Institute of Microbiology (CAS 9-90).

=NBRC 13673 =JCM 4898

ISP Medium No.2. 28°C  
Reference(123)(124).

Synonym

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***Streptomyces hygrospinosus*** Yen et al.

**6207**<sup>T</sup> <- KCC S-0899 <- IMAS (SF-104).

=NBRC 13674 =JCM 4899

ISP Medium No.2. 28°C

Synonym

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***Streptomyces microsporus*** (Yen) Pridham

**6211** <- KCC S-0903 <- AS 4.155 <- Institute of Microbiology (CAS 6.101).

=NBRC 13678 =JCM 4903

ISP Medium No.2. 28°C  
Reference(124).

Synonym *Actinomyces microsporus*.

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***Streptomyces roseaurantius*** Yen & Zhang

**6213** <- KCC S-0905 <- As 4.953 <- Institute of Microbiology (CAS 70-318).

=NBRC 13680 =JCM 4905

ISP Medium No.4. 28°C  
Reference(136).

Synonym

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***Streptomyces roseogriseus*** (Yen & Chou) Pridham

**6214** <- KCC S-0906 <- AS 4.637 <- Institute of Microbiology (CAS Y8-13).

=NBRC 13681 =JCM 4906

ISP Medium No.2. 28°C

Synonym

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***Streptomyces roseorubens*** Yen & Zhang

**6215**<sup>T</sup> <- KCC S-0907 <- AS 4.954 <- H. Yen & G. Zhang 3067.

=NBRC 13682 =JCM 4907

ISP Medium No.2. 28°C

Reference(136).

Synonym

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***Streptomyces rubrolavendulae*** (Yen) Pridham

**6216** <- KCC S-0908 <- AS 4.592 <- Institute of Microbiology (CAS 5353).

=NBRC 13683 =JCM 4908

ISP Medium No.2. 28°C

Reference(104)(138).

Synonym

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***Streptomyces hiroshimensis*** (Shinobu) Witt & Stackebrandt

**6223** <- KCC S-0310 <- MCRL 371 <- NRRL 2755 <- UC 2293.

=NBRC 13343 =JCM 4310 4750 =ATCC 27429 =CBS 644.72

ISP Medium No.2. 28°C

Reference(84)(140).

Synonym *Streptomyces roseoverticillatus*.

*Streptoverticillium fervens* subsp. *fervens*.

*Streptomyces fervens*.

*Streptomyces baldacii*.

Fervenulin (planomycin) production.

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***Streptomyces hiroshimensis*** (Shinobu) Witt & Stackebrandt

**6225** <- KCC S-0281 <- V. A. Tyganov <- LIA 0084 (Y. E. Konev; 51-10). From soil. Caucasus. USSR.

=NBRC 14694 =JCM 4281

ISP Medium No.2. 28°C

Reference(143)(144).

Synonym *Streptomyces roseoverticillatus*.

*Streptoverticillium rubrochlorinum*.

*Streptomyces baldacii*.

Rubrochlorin production.

Polyene antibiotics production.

---

***Streptomyces kentuckensis*** (Barr & Carman) Witt & Stackebrandt

**6243**<sup>T</sup> <- IFO 12880 <- SAJ <- OWU (ISP 5052) <- F. S. Barr (5X1 RCV). From soil of blue-grass field. KY. USA.

=NBRC 12880 =IFM 1184 =JCM 4153 4647 =ATCC 12691 23926  
=CBS 910.68

ISP Medium No.2. 28°C

Synonym *Streptomyces kentuckensis*.

*Streptoverticillium kentuckense*.

***Streptomyces netropsis*** (Finlay et al.) Witt & Stackebrandt

**6244**<sup>T</sup> <- IFO 12893 <- SAJ <- OWU (ISP 5259).

=NBRC 12893 =JCM 4063 4655 =ATCC 23940 =CBS 924.68      ISP Medium No.2.      28°C

Synonym *Streptoverticillium netropsis*.

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***Streptomyces nashvillensis*** McVeigh & Reyes

**6255**<sup>T</sup> <- IFO13064 <- SAJ <- OWU (ISP 5314) <- Vanderbilt Univ. (McVeigh; V-8). From soil. Nashville. Tenn. USA.

=NBRC 13064 =JCM 4498 =ATCC 25476 =CBS 886.69      ISP Medium No.2.      28°C

Synonym

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***Streptomyces violaceorectus*** (Ryabova & Preobrazhenskaya) Pridham et al.

**6257**<sup>T</sup> <- IFO 13102 <- SAJ <- OWU (ISP 5279) <- INA (G.F. Gauze; INA 506). Form Soil caucasus. USSR.

=NBRC 13102 =JCM 4532 =ATCC 25514 =CBS 656.69      ISP Medium No.2.      28°C

Synonym

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***Streptomyces flavotricini*** (Preobrazhenskaya & Sveshnikova) Pridham et al.

**6260**<sup>T</sup> <- IFO 12770 <- SAJ <- OWU (ISP 5152).

=NBRC 12770 =JCM 4371 =ATCC 19757 23621 =CBS 495.68      ISP Medium No.2.      28°C

Synonym *Astinomyces flavotricini*.

---

***Streptomyces subrutilus*** Arai et al.

**6262**<sup>T</sup> <- IFO 13388 <- SAJ <- OWU (ISP 5445) <- Chiba Univ. (T. Arai; IFM 713). From soil Aomori Japan.

=NBRC 13388 =JCM 4695 4834 =ATCC 27467 =CBS 689.72      ISP Medium No.2.      28°C

Synonym

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***Streptomyces filipinensis*** Ammann et al.

**6266**<sup>T</sup> <- IFO 12860 <- SAJ <- OWU (ISP 5112) <- D. Gottlieb. 114-8. ETH 20722. ETH 28584. ETH 28594.

=NBRC 12860 =JCM 4369 =ATCC 23905 =CBS 309.56 801.68      ISP Medium No.2.      28°C

Synonym      Filipin production.

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***Streptomyces malachitofuscus*** Preobrazhenskaya and Terekhova

**6270**<sup>T</sup> <- IFO 13059 <- SAJ <- OWU (ISP 5332) <- INA (G.F. Gauze; INA 739).

=NBRC 13059 =JCM 4493 =ATCC 25471 =CBS 881.69      ISP Medium No.2.      28°C

Synonym      *Former name: Actinomyces malachitofuscus.*

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***Streptomyces malachitorectus*** (Preobrazhenskaya et al.) Pridham

**6271** <- IFO 13060 <- SAJ <- OWU (ISP 5333) <- INA 8954 (G.F. Gauze).

=NBRC 13060 =JCM 4494 =ATCC 25472 =CBS 882.69      ISP Medium No.2.      28°C

Synonym      *Former name: Actinomyces malachitorectus.*

---

***Streptomyces coelicolor*** (Muller) Waksman & Henrici

**6272** <- Osaka Univ.

ISP Medium No.2.      28°C

Synonym      A3 (2) M109 (SCP2\*)

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***Streptomyces lavendulae*** subsp. *lavendulae* (Waksman & Curtis) Waksman & Henrici

**6283** <- Uozumi.

ISP Medium No.2.      28°C

Synonym

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*Streptomyces griseus* subsp. *griseus* (Krainsky) Waksman & Henrici

6297 <- NBRC 13350

=NBRC 13350

IFO 231 MB SB GB

°C

Synonym

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*Sporichthya polymorpha* Lechevalier et al.

6542<sup>T</sup> <- IFO 12702 <- KCC A-0089 <- IMRU 3913 (H. A. Lechevalier). From greenhouse soil. New Brunswick. N.J. USA.

=NBRC 12702 =JCM 3089 =ATCC 23823

ISP Medium No.2.

28°C

Reference(51)(52)(53).

Synonym

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*Couchioplanes caeruleus* subsp. *caeruleus* (Horan and Brodsky) Tamura et al.

6543<sup>T</sup> <- IFO 13939 <- RTCI <- KCC A-0195 <- NRRL 5325 <- Schering Corp. (SCC 1014). From soil. Bristol Cone Park. Calif. USA.

=NBRC 13939 =JCM 3195 =ATCC 33937

ISP Medium No.2.

28°C

Reference(55).

Synonym *Actinoplanes caeruleus*.

*Couchioplanes caeruleus*.

Antibiotic (Sch 16656) production.

---

*Actinosynnema mirum* Hasegawa et al.

6544<sup>T</sup> <- IFO 14064 <- KCC A-0225 <- IMRU 3971 <- T. Hasegawa (101). From grass blade. Raritan River. N.J. USA.

=NBRC 14064 =JCM 3225 =ATCC 29888

IFO Medium No.231.

28°C

Reference(56).

Synonym

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*Catenuloplanes japonicus* Yokota et al.

6545<sup>T</sup> <- IFO 14176 <- ATCC 31637 <- Chas. Pfizer Inc. (L. H. Huang; N381-16). From soil. Japan.

=NBRC 14176 =JCM 9106 =ATCC 31637

ISP Medium No.2.

28°C

Reference(58).

Synonym

Antibiotics (CP-54715 & CP-54716) production.

---

*Actinomadura atramentaria* Miyadoh et al.

**6547**<sup>T</sup> <- JCM 6250 <- Meiji Seika Kaisha Ltd. (S. Miyadoh; SF-2197). From soil. Yaizu. Shizuoka. Japan.

=NBRC 14695 =JCM 6250

ISP Medium No.2. 28°C  
Reference(59)(60).

Synonym

Antibiotic SF-2197 production.

---

*Actinomadura echinospora* (Nonomura & Ohara) Kroppenstedt et al.

**6548**<sup>T</sup> <- JCM 3148 <- KCC A-0148 <- H. Nonomura (Mb<sub>3</sub>-1). From soil. Yamanashi. Japan

=NBRC 14042 =JCM 3148 =ATCC 27300

ISP Medium No.2. 28°C  
Reference(60)(61)(62)(63)(64).

Synonym *Microbispora echinospora*.

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*Actinomadura pelletieri* (Laveran) Lechevalier & Lechevalier

**6549**<sup>T</sup> <- JCM 3388 <- DSM 43383 <- M. Goodfellow A19 <- NCTC 4162 <- J. T. Duncan <- E. C. Smith. From mycetoma of arm.

=NBRC 103052 =IAM 12634 =JCM 3388 =ATCC 33385

ISP Medium No.2. 28°C  
Reference(60)(65)(66)(67)(68).

BSL 2

Synonym

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*Couchioplanes caeruleus* subsp. *azureus* Tamura et al.

**6550**<sup>T</sup> <- JCM 3246 <- KCC A-0246 <- Sankyo Co. Ltd. (SANK 60579) <- ATCC 31157 <- Chas. Pfizer & Co. (FD 24561).

=NBRC 13993 =JCM 3246 =ATCC 31157

ISP Medium No.2. 28°C  
Reference(69)(70).

Synonym *Actinoplanes azureus*.

Madumycins (I & II) production.  
Antibiotics (CP-37277 & CP-37932) production.

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*Actinoplanes nipponensis* Routien

**6551** <- JCM 3264 <- KCC A-0264 <- KY 11349 <- ATCC 31145 <- Chas. Pfizer & Co. (FD 24834). From Soil. Japan.

=NBRC 14063 =JCM 3264 =ATCC 31145

ISP Medium No.2. 28°C  
Reference(71)(72).

Synonym

Antibiotic (41 & 012) production.

---

***Actinoplanes yunnanensis*** Jiang et al.

**6552**<sup>T</sup> < JCM 3354 < J. Ruan (Y79-21). From Soil. Kunming. China.

=NBRC 14459 =JCM 3354 =ATCC 43538

ISP Medium No.2. 28°C  
Reference(73).

Synonym

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***Actinopolyspora mortivallis*** Yoshida et al.

**6553**<sup>T</sup> < JCM 7550 < M. Yoshida (HS-1). From salty soil. Death Valley. CA. USA.

=NBRC 15162 =JCM 7550 =ATCC 49777

JCM Medium No.115 45°C  
Reference(74)(75)(76)(77).

Synonym

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***Pseudonocardia hydrocarbonoxydans*** (Nolof & Hirsch) Warwick et al.

**6554**<sup>T</sup> < JCM 3392 < DSM 43281 < Schering Corp. 228 < ATCC 15104 < P. Hirsch (70). From air contaminant.

=NBRC 14498 =JCM 3392 =ATCC 15104

ISP Medium No.2. 28°C  
Reference(75)(77)(78)(157).

Synonym *Nocardia hydrocarbonoxydans*.  
*Amycolata hydrocarbonoxydans*.

Utilization of hydrocarbons.

---

***Amycolatopsis azurea*** (Omura et al.) Henssen et al.

**6555**<sup>T</sup> < JCM 3275 < KCC A-0275 < S. Omura (AM-3696). From soil. Yamagata Pref. Japan.

=NBRC 145733 =JCM 3275 =ATCC 51273

ISP Medium No.2. 28°C  
Reference(75)(77)(81)(82)(83).

Synonym *Pseudonocardia azurea*.

Azureomycins (A & B) production.

---

***Amycolatopsis lurida*** (Lechevalier et al.) Stackebrandt et al.

**6556**<sup>T</sup> < JCM 3141 < KCC A-0141 < NRRL 2430 < Abbott Labs. (NA3-TE19). From soil. Colorado Springs. Colo. USA.

=NBRC 14500 =JCM 3141 =ATCC 14930

ISP Medium No.2. 28°C  
Reference(78)(81)(84)(86).

Synonym *Amycolatopsis orientalis* subsp. *lurida*.  
*Nocardia lurida*.

Ristocetins (A & B) production.

---

***Prauserella rugosa*** (Lechevalier et al.) Kim and Goodfellow

**6557**<sup>T</sup> <- JCM 9736 <- IFM 0565 <- IFO 14506 <- ATCC 43014 <- M. P. Lechevalier <- R. E. Gordon <- A. di Marco. From cattle rumen.

=NBRC 14506 =JCM 9736 =ATCC 43014

ISP Medium No.2. 28°C

Reference(76)(78)(81)(87)(88).

Synonym *Amycolatopsis rugosa*.

Cyanocobalamine production.

*Nocardia rugosa*.

---

***Catellatospora citrea*** Asano and Kawamoto

**6558**<sup>T</sup> <- JCM 7542 <- IFO 14495 <- Kyowa Hakko Kogyo Co. Ltd. (I. Kawamoto; 6183-E). From woodland soil. Itsukaichi. Tokyo. Japan.

=NBRC 14495 =JCM 7542 =ATCC 49964

ISP Medium No.2. 28°C

Reference(89).

Synonym *Catellatospora citrea* subsp. *citrea*.

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***Asanoa ferruginea*** (Asano and Kawamoto) Lee and Hah

**6559**<sup>T</sup> <- JCM 7544 <- IFO 14496 <- Kyowa Hakko Kogyo Co. Ltd. (I. Kawamoto; 6257-C). From woodland soil. Yamanashi. Japan.

=NBRC 14496 =JCM 7544 =ATCC 49966

ISP Medium No.2. 28°C

Reference(89).

Synonym *Catellatospora ferruginea*.

---

***Dactylosporangium vinaceum*** Shomura et al.

**6560**<sup>T</sup> <- JCM 3307 <- KCC A-0307 <- Meiji Seika Kaisha. Ltd. (T. Shomura; SF-2127). From soil. Sekigahara. Gifu. Japan.

=NBRC 14181 =JCM 3307 =ATCC 35207

ISP Medium No.2. 28°C

Reference(90)(91).

Synonym

Dactimicin production.

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***Dactylosporangium fulvum*** Shomura et al.

**6561**<sup>T</sup> <- JCM 5631 <- Meiji Seika Kaisha (T. Shomura; SF-2113). From soil. Chiba. Japan.

=NBRC 14381 =JCM 5631 =ATCC 43301

ISP Medium No.2. 28°C

Reference(92).

Synonym

Pyridomycin production.

---

***Kibdelosporangium aridum*** subsp. ***aridum*** Shearer et al.

**6562**<sup>T</sup> <- JCM 7912 <- ATCC 39323 <- Smith Kline & French Labs. (SK & F-AAD-216). From desert soil. Pima Country. Arizona. USA.

=NBRC 14493 =JCM 7912 =ATCC 39323

ISP Medium No.2. 28°C

Reference(76)(77)(80)(93).

Synonym

Aridicins (A & B & C) production.

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***Kineosporia aurantiaca*** Pagani & Parenti

**6563**<sup>T</sup> <- JCM 3230 <- KCC A-0230 <- H. Pagani (A/10312). From soil. St. Raphael. France.

=NBRC 14067 13890 =JCM 3230 =ATCC 29727

ISP Medium No.2. 28°C

Reference(95)(96)(97)(98)(99).

Synonym

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***Microbispora amethystogenes*** Nonomura and Ohara

**6564**<sup>T</sup> <- JCM 3021 <- KCC A-0021 <- H. Nonomura (M-8). From soil. Japan.

=NBRC 101907 =IFM 1264 =JCM 3021 =CBS 303.61

ISP Medium No.2. 28°C

Reference(62)(63)(64).

Synonym *Microbispora amethystogenes*.  
*Microbispora rosea* subsp. *rosea*.

---

***Thermobispora bispora*** (Hanssen) Wang et al.

**6565** <- JCM 3082 <- KCC A-0082 <- T. Furumai <- IMRU 3759 <- A. Henssen. From Manure.

=JCM 3082 =ATCC 15737

ISP Medium No.2. 28°C

Reference(63)(103)(145)(146).

Synonym *Thermopolyspora bispora*.  
*Microbispora bispora*.

---

***Actinokineospora inagensis*** Tamura et al.

**6566**<sup>T</sup> <- IFO 15663 <- IFO (T. Tamura) <- Yamanashi Univ. (M. Hayakawa; YU 4-1). From fallen leaves on the shore of a lake. Yamanashi. Japan.

=NBRC 15663 =JCM 9923

ISP Medium No.2. 28°C

Reference(147).

Synonym

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***Actinokineospora globicatena*** Tamura et al.

**6567**<sup>T</sup> <- IFO 15664 <- IFO (T. Tamura) <- Yamanashi Univ. (M. Hayakawa; YU 6-1). From soil around a pond. Yamanashi. Japan.

=NBRC 15664 =JCM 9922

ISP Medium No.2. 28°C  
Reference(147).

Synonym

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***Actinokineospora diospyrosa*** Tamura et al.

**6568**<sup>T</sup> <- IFO 15665 <- IFO (T. Tamura) <- Yamanashi Univ. (M. Hayakawa; YU 8-1). From fallen leaves. Yamanashi. Japan.

=NBRC 15665 =JCM 9921

ISP Medium No.2. 28°C  
Reference(147).

Synonym

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***Actinocorallia herbida*** Inuma et al.

**6569**<sup>T</sup> <- IFO 15485 <- Takeda Chem. Ind. Ltd. (S. Inuma; AL-50780). From soil. Bangkok. Thailand.

=NBRC 15485 =JCM 9647 =ATCC 51528

ISP Medium No.2. 28°C  
Reference(148).

Synonym *Coralloidsporophora herbida*.

Azaserine-like antibiotic production.

---

***Actinokineospora riparia*** Hasegawa

**6570**<sup>T</sup> <- IFO 14541 <- Takeda Chem. Ind., Ltd. (T. Hasegawa; C-39162). From soil. Ado River. Shiga. Japan.

=NBRC 14541 =JCM 7471 =ATCC 49499

ISP Medium No.2. 28°C  
Reference(147)(154).

Synonym

Antimycoplasmal compound production.

---

***Kitasatospora setae*** Omura et al.

**6571**<sup>T</sup> <- JCM 3304 <- KCC A-0304 <- S. Omura (KM 6054). From soil. Setagaya-ku. Tokyo. Japan.

=NBRC 14216 =JCM 3304 =ATCC 33774

JCM Medium No.52. 28°C  
Reference(99)(149)(151)(152).

Synonym *Kitasatospora setae*.  
*Kitasatospora setalba*.  
*Streptomyces setae*.

Setamycin production.

---

***Nocardia asteroides*** (Eppinger) Blanchard

**6572**<sup>T</sup> <- JCM 3384 <- CCM 2754 <- M. P. Lechevalier 727 <- R. E. Gordon 727 <- L. Ajello M170 - 6 <- W. M. Bowman.

=NBRC 15531 =JCM 3384 =ATCC 19247

ISP Medium No.2. 28°C

BSL 2

Reference(77)(100)(107)(128)(152)(159).

Synonym

Nocardiosis

---

***Streptomyces griseus*** subsp. ***griseus*** (Krainsky) Waksman & Henrici

**6573**<sup>T</sup> <- IFO 12875 <- SAJ <- OWU (ISP 5236) <- IMRU (S. A. Waksman; ETH 4289).

=NBRC 12875 =IAM 12311 =JCM 4644 4047 =ATCC 23345  
23921 =CBS 905.68

ISP Medium No.2. 28°C

Reference(115).

Synonym *Streptomyces griseus*.

Streptomycin production.

---

***Amycolatopsis mediterranei*** (Margalith & Beretta) Lechevalier et al.

**6574**<sup>T</sup> <- ATCC 13685 <- Lepetit (ME/83).

=NBRC 13415 =JCM 4789 =ATCC 13685 =CBS 121.63 716.72

ISP Medium No.2. 28°C

Reference(76)(78)(81)(156)(157).

Synonym *Nocardia mediterranei*.

Rifamycins production.

*Streptomyces mediterranei*.

---

***Amycolatopsis mediterranei*** (Margalith & Beretta) Lechevalier et al.

**6576** <- ATCC 21789 <- Lepetit Labs. (M18).

=NBRC 14843 =ATCC 21789

ISP Medium No.2. 28°C

Reference(158).

Synonym *Nocardia mediterranei*.

Rifamycin B production.

---

***Amycolatopsis mediterranei*** (Margalith & Beretta) Lechevalier et al.

**6577** <- ATCC 31065 <- Lepetit Labs. (MM 18-6). Mutant derived from ATCC 13685.

=ATCC 31065

ISP Medium No.2. 28°C

Synonym *Nocardia mediterranei*.

Rifamycins (P Q R U) production.

*Actinosynnema pretiosum* subsp. *pretiosum* Hasegawa et al.

**6578** <- IFO 15619 <- ATCC 31280 <- Takeda Chem. Ind. Ltd. From sedge blades. *Carex* sp. Shiga. Japan.

=NBRC 15619 =ATCC 31280

ISP Medium No.2. 28°C  
Reference(162).

Synonym

Anticlotics C-14919 (E-1 & E-2) production.

---

*Actinosynnema pretiosum* subsp. *auranticum* Hasegawa et al.

**6579**<sup>T</sup> <- IFO 15620 <- ATCC 31309 <- Takeda Chem. Ind. Ltd. From sedge blades. *Carex* sp. Shiga. Japan.

=NBRC 15620 =JCM 7343 =ATCC 31309

ISP Medium No.2. 28°C  
Reference(162).

Synonym

Anticlotics C-14482 (A & B1 & B2 & B3) production.

---

*Actinosynnema pretiosum* subsp. *pretiosum* Hasegawa et al.

**6580**<sup>T</sup> <- IFO 15621 <- ATCC 31281 <- Takeda Chem. Ind. Ltd. From sedge blades. *Carex* sp. Shiga. Japan.

=NBRC 15621 =JCM 7344 =ATCC 31281

ISP Medium No.2. 28°C  
Reference(162).

Synonym

Maytansinoids production.

---

*Streptomyces ambofaciens* Pinnert-Sindico

**6581** <- IFO 13685 <- RTCI <- NRRL B-2420. From soil.

=NBRC 13685 =ATCC 15154

IFO Medium No.231. 28°C

Synonym

Congocidine production.  
Spiramycin production.

---

*Streptomyces ambofaciens* Pinnert-Sindico

**6582**<sup>T</sup> <- JCM 4204 <- KCC S-0204 <- J. Nuesch. From soil. Péronne. Somme. France.

=NBRC 12836 =JCM 4204 4618 =ATCC 23877 =CBS 616.68

IFO Medium No.231. 28°C  
Reference(163)(169)(182).

Synonym

Congocidine production.  
Spiramycin production.

---

*Micromonospora chalcea* (Foulerton) rskov

6588<sup>T</sup> <- JCM 3031 <- KCC A-0031 <- G. E. Bunschoten <- ATCC 12452 <- Chas. Pfizer & Co. (1464 - 217L).

=NBRC 13503 12135 =IAM 14285 =JCM 3031 =ATCC 12452  
=CBS 269.62

ISP Medium No.2. 28°C  
Reference(100)(128)(152)(166)(167).

Synonym

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*Micromonospora rosaria* Horan & Brodsky

6589<sup>T</sup> <- JCM 3159 <- KCC A-0159 <- MCRL 0778 <- NRRL 3718 <- Schering Corp. (SCC 957). From soil. San Jacinto. Tex. USA

=NBRC 13697 =JCM 3159 =ATCC 29337

JCM Medium No.104. 28°C  
Reference(53)(165)(167).

Synonym

Rosamicin

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*Micromonospora olivasterospora* Kawamoto et al.

6590<sup>T</sup> <- JCM 7348 <- IMET 8310 <- INA <- ATCC 21819 <- Kyowa Hakko Kogyo Co. Ltd. (MK-70). From soil. Hiroshima. Japan.

=NBRC 14304 =JCM 7348 =ATCC 21819

ISP Medium No.2. 28°C  
Reference(72).

Synonym

Fortimicin complex production. .

---

*Pilimelia terevasa* Kane

6591<sup>T</sup> <- IFO 15964 <- JCM 3091 <- KCC A-0091 <- W.D. Kane. From soil ind. USA.

=NBRC 15964 12701 14556 =JCM 3091 =ATCC 25603 =CBS  
570.75

JCM Medium No.104 28°C  
Reference(168).

Synonym

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*Amycolatopsis orientalis* (Pittenger and Brigham) Lechevalier et al.

6592<sup>T</sup> <- JCM 4235 <- KCC S-0235 <- NIHJ 483 (Y. Okami) <- ISP 5040 <- R. C. Pittenger and R. B. Bridham (M43 - 05865). From soil. Orient.

=NBRC 12806 =JCM 4235 4600 =ATCC 19795 =CBS 547.68

ISP Medium No.2. 28°C  
Reference(76)(77)(78)(79).

Synonym *Amycolatopsis orientalis* subsp. *orientalis*.  
*Nocardia orientalis*.  
*Streptomyces orientalus*.

Vancomycin production.

***Kutzneria viridogrisea*** (Okuda et al.) Stackebrandt et al.

**6593**<sup>T</sup> <- JCM 3282 <- KCC A - 0282 <- ATCC 25242 <- MCRL 0044 (TA597). From soil. Kawaguchi. Saitama. Japan.

=NBRC 15561 =JCM 3282 =ATCC 25242

ISP Medium No.4. 28°C  
Reference(170).

Synonym *Streptosporangium viridogriseum* subsp.  
*viridogriseum*.

Sporaviridin production.

---

***Saccharothrix longispora*** (Preobrazhenskaya & Sveshnikova) Grund & Kroppenstedt

**6594**<sup>T</sup> <- JCM 3314 <- KCC A-0314 <- IMET 9603 <- INA 10222 (TA597).

=NBRC 14522 =JCM 3314 =ATCC 35109

ISP Medium No.3. 28°C  
Reference(76)(157).

Synonym *Nocardiopsis longispora*.  
*Actinomadura longispora*.

---

***Lentzea albidocapillata*** Yassin et al.

**6595**<sup>T</sup> <- JCM 9732 <- DSM 44073 <- A. F. Yassin (IMMIB; D-958). From tissue specimen of a 46 year-old woman suffering from peritoneal carcinomatosis following carcinoma of the colon. Germany.

=NBRC 100372 15855 =JCM 9732

ISP Medium No.4. 28°C  
Reference(172).

Synonym *Saccharothrix albidocapillata*.

---

***Spirilloplanes yamanashiensis*** Tamura et al.

**6596**<sup>T</sup> <- IFO 15828 <- IFO (T. Tamura) <- Yamanashi Univ. (M. Hayakawa; YU 127-1). From soil. Kofu. Yamanashi. Japan.

=NBRC 15828 =JCM 10032

ISP Medium No.4. 28°C  
Reference(173).

Synonym

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***Skermania piniformis*** (Blackall et al.) Chun et al.

**6597**<sup>T</sup> <- IFO 15059 <- UQM 3063 <- L.L. Blackall. From surface foam (sewage treatment plant).

=NBRC 15059 =ATCC 49497

IFO Medium No.279. 28°C

Synonym *Nocardia pinensis*.

---

***Streptomyces ascomycinicus*** Kumer and Goodfellow

**6598**<sup>T</sup> < IFO 13981 < DSM 40822 < ATCC 14891 < Bristol Labs. (H. D. Tresner; BL-5049) < T. Arai KK317 (A-98149). From soil. Sannomiya. Kobe. Hyogo. Japan.

=NBRC 13981 =JCM 4964 =ATCC 14891

JCM Medium No.44 . 28°C

Reference(177).

Synonym *Streptomyces hygrosopicus* subsp. *hygrosopicus*.

Ascomycin production.

*Former name: Streptomyces hygrosopicus.*

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***Actinomadura hibisca*** Tomita et al.

**6599**<sup>T</sup> < IFO 15177 < ATCC 53557 < Bristol - Myers Co. P157-2 (SA26015). From soil. Fiji Island.

=NBRC 15177 =JCM 9627 =ATCC 53557

ISP Medium No.2. 28°C

Reference(176)(181).

Synonym

Pradimicin A (BU-3608 or BMY-28567) production.

Pradimicin B production.

---

***Amycolatopsis tolypophorus*** Shibata et al.

**6600** < IFO 13151 < RTCI (E. Higashide).

=NBRC 13151

ISP Medium No.2. 28°C

Synonym *Streptomyces tolypophorus*.

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***Actinoplanes teichomyceticus*** Parenti et al.

**6601**<sup>T</sup> < IFO 13999 < RTCI < KCC A-0252 < SANK 60479 < ATCC 31121 < Lepetit A/8327. From soil. Nimodi. Indore. India.

=NBRC 13999 =JCM 3252 =ATCC 31121

ISP Medium No.2. 28°C

Reference(178).

Synonym

Teichomycin A1 & A2 production.

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***Micromonospora inyonensis*** Weinstein et al.

**6602**<sup>T</sup> < IFO 13156 < NRRL 3292 < Schering Corp. From soil. Inyo National Forest. Calif. USA .

=NBRC 13156 =JCM 3188 =ATCC 27600

IFO Medium No.231. 28°C

Reference(72).

Synonym

Megalomicin production.

Sisomicin production.

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*Streptomyces thermoviolaceus* subsp. *apingenes* Henssen

6603<sup>T</sup> <- IFO 15459 <- JCM 4312 <- KCC S-0312 <- A. Henssen R89 (A34).

=NBRC 15459 =JCM 4312 =ATCC 19994 =CBS 140.67

IFO Medium No.266. 45°C

Reference(179)(183).

Synonym

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*Streptomyces thermoviolaceus* subsp. *thermoviolaceus* Henssen

6604<sup>T</sup> <- JCM 4337 <- KCC S-0337 <- A. Henssen (R77). From a mixture of fresh horse and pig manure.

=NBRC 12382 13905 =JCM 4239 4337 4843 =ATCC 19283 =CBS 278.66 688.72

JCM Medium No.61. 50°C

Reference(120).

Synonym

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*Streptomyces thermovulgaris* Henssen

6605<sup>T</sup> <- JCM 4338 <- KCC S-0338 <- A. Henssen (R10). From fresh cow manure.

=NBRC 16615 13089 =JCM 4338 4520 =ATCC 19284 25501

JCM Medium No.49. 50°C

=CBS 276.66 643.69

Reference(120).

Synonym *Streptomyces thermonitrificans*.

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*Streptomyces thermodiastaticus* (Bergey et al.) Waksman

6606<sup>T</sup> <- JCM 4840 <- KCC S-0840 <- IFO 13468 <- SAJ <- ISP 5573 <- CUB 387 <- J. R. Denison.

=NBRC 13468 16689 =JCM 4840 =ATCC 27472=CBS 769.72

JCM Medium No.45. 45°C

Reference(107)(110)(139)(183).

Synonym

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*Streptomyces thermovulgaris* Henssen

6607<sup>T</sup> <- JCM 4841 <- KCC S-0841 <- IFO 13473 <- SAJ <- ISP 5579 <- ATCC 23385 <- A. J. Desai (NCIM 2007).

=NBRC 16609 13473 =JCM 4841=ATCC 23385 =CBS 180.71

JCM Medium No.44. 37°C

774.72

Reference(120).

Synonym *Streptomyces thermonitrificans*.

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*Streptomyces macrosporus* Goodfellow et al.

6608<sup>T</sup> <- JCM 6305 <- J. Lacey (1201) <- INMI 2892.

=NBRC 14748 =JCM 6305 =ATCC 51533

JCM Medium No.48.

37°C

Synonym

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*Streptomyces thermolineatus* Goodfellow et al.

6609<sup>T</sup> <- JCM 6307 <- IACR Rothamsted Exper. Station (J. Lacey; A1484). From Sewage/wood chip compost. Washigton D.C. USA.

=NBRC 103020 14750 =JCM 6307 =ATCC 51534

JCM Medium No.66.

40°C

Synonym

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*Streptomyces megasporus* Agre

6610<sup>T</sup> <- JCM 6926 <- INMI 2869.

=NBRC 14749 =ATCC 43688 =JCM 6926

JCM Medium No.66.

37°C

Synonym

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*Streptomyces griseus* subsp. *griseus* (Krainsky) Waksman & Henrici

6611 <- IFO 13304 <- Merk & Co. Inc. (NRRL 3851).

=HUT 6612 =NBRC 13304 =JCM 5012

ISP Medium No.2.

28°C

Synonym

Cephamycins production.

*Former name: Streptomyces griseus.*

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*Streptomyces griseus* subsp. *griseus* (Krainsky) Waksman & Henrici

6612 <- IFO 14059 <- KCC S-1012 <- MCRL 1068 <- NRRL 3851 <- Merck Sharp & Dohme Res. Labs. (MA-2837). From soil.

=HUT 6611 =NBRC 13304 =JCM 5012

ISP Medium No.2.

28°C

Synonym

***Streptomyces albus* subsp. *albus* (Rosii Doria) Waksman & Henrici**

**6613**<sup>T</sup> <- JCM 4450 <- KCC S 0450 <- IFO13014 <- SAJ <- ISP 5313 <- NRRL B-1811.

=NBRC 13014 3710 =JCM 4177 4450 =ATCC 3004 25426 =CBS 410.63 924.69 JCM Medium No.42. 28°C  
Reference(120).

Synonym

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***Streptomyces almquistii* (Duche) Pridham et al.**

**6614**<sup>T</sup> <- JCM 4451 <- KCC S-0451 <- IFO 13015 <- SAJ <- ISP 5447 <- ATCC 618 <- S. A. Waksman <- A. J. Kluyver <- A. Krainsky.

=NBRC 13015 =JCM 4451 =ATCC 25427 618 =CBS 925.69 JCM Medium No.42. 28°C

Synonym

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***Streptomyces flocculus* (Duche) Waksman & Henrici**

**6615**<sup>T</sup> <- JCM 4476 <- KCC S-0476 <- IFO 13041 <- SAJ <- ISP 5327 <- J. Nicot (373) <- ETH 24454.

=NBRC 13041 =JCM 4476 =ATCC 25453 =CBS 686.69 JCM Medium No.42. 28°C  
Reference(107)(110)(132).

Synonym

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***Streptomyces rangoonensis* (Erikson)Pridham et al.**

**6616**<sup>T</sup> <- JCM 4510 <- KCC S-0510 <- IFO 13078 <- SAJ <- ISP 5452 <- ATCC 6860 <- NCTC 1678.

=NBRC 13078 =JCM 4510 =ATCC 25490 6860 =CBS 918.69 JCM Medium No.42. 28°C

Synonym *Streptomyces rangoon.*

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***Streptomyces gibsonii* (Erikson) Waksman & Henrici**

**6617**<sup>T</sup> <- JCM 5061 <- KCC S-1061 <- MS 1478 <- ATCC 6852 <- NCTC 4575 <- A. Gibson (200).

=NBRC 15415 =JCM 5061 =ATCC 6852 =CBS 119.60 118.60 JCM Medium No.51. 28°C

Synonym

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***Streptomyces rameus*** Shibata

**6618**<sup>T</sup> <- JCM 5064 <-KCC S-1064 <- ATCC 21273 <- Kyowa Hakko Co. 154.

=NBRC 16196 =ATCC 21273 =JCM 5064

ISP Medium No.3. 28°C

Synonym

84-B-3 (anti-virus substance) production.

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***Cryptosporangium arvum*** Tamura et al.

**6619**<sup>T</sup> <- IFO 15965 <- IFO (T. Tamura) <- Yamanashi Univ. (M. Hayakawa; YU 629-21). From soil from a vegetable field. Yamanashi. Japan.

=NBRC 15965 =JCM 10424

JCM Medium No.42. 28°C

Reference(186).

Synonym

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***Cryptosporangium japonicum*** Tamura et al.

**6620**<sup>T</sup> <- IFO 15966 <- IFO (T. Tamura) <- Yamanashi Univ. (M. Hayakawa; YU 636-3). From soil of a sugar cane field. Okinawa. Japan.

=NBRC 15966 =JCM 10425

JCM Medium No.42. 28°C

Reference(186).

Synonym

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***Microbispora mesophila*** (Nonomura & Ohara)Zhang et al.

**6621**<sup>T</sup> <- IFO 14179 <- Yamanashi Univ. (H. Nonomura; T-1). From soil. Japan.

=NBRC 14179 =IFM 1287 =JCM 3151 =ATCC 27303 =CBS  
265.72

ISP Medium No.2. 37°C

Reference(188).

Synonym *Thermomonospora mesophila*.

Solubilizes lignocellulose production.

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***Microbispora rosea*** subsp. *rosea* Nonomura & Ohara

**6622**<sup>T</sup> <- IFO 14044 <- RIFY (H. Nonomura; FYU M-20). From garden soil. Kofu. Yamanashi. Japan.

=NBRC 14044 3559 =IAM 0114 =JCM 3006 =ATCC 12950 =CBS  
307.61

IFO Medium No.231. 28°C

Reference(189)(190).

Synonym *Microbispora rosea*.

Lygnin digestion

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*Streptomyces rameus* Shibata

6623 <- T. Hasegawa C1.

=NBRC 109901 =JCM 10483

ISP Medium No.2.

37°C

Synonym

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*Streptomyces albus* subsp. *albus* (Rosii Doria) Waksman & Henrici

6624 <- T. Hasegawa C2.

=NBRC 109902 =JCM 10484

ISP Medium No.2.

37°C

Synonym

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*Nocardiopsis dassonvillei* subsp. *dassonvillei* (Brocq-Rousseau 1904) Meyer 1976

6625 <-NBRC 14626 <-IFO 14626 <- IAM (A. Shimazu, AIAM 5062) <- ATCC 23218 <- ? <- P. Thibault

=NBRC 14626 =ATCC 23218 =CIP 107115 =DSM 43111 =JCM  
7437 =NCTC 10488 =NRRL B-5397 =VKM Ac-797 =CCM 2713

ISP Medium 231

25°C

BSL 2

Synonym *Nocardiopsis alborubida*  
*Nocardiopsis alborubidus* (sic)  
*Nocardiopsis antarctica*  
*Nocardiopsis antarcticus* (sic)  
*Nocardiopsis dassonvillei*

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*Intrasporangium calvum* Kalakoutskii et al. 1967

6626<sup>T</sup> <-NBRC 12989 <-IFO 12989 <- KCC A-0097 <- CUB 430 <- IMRU <- L.V. Kalakoutskii, INMI 7KIP. From air in a school dining room.

=NBRC 12989 =ATCC 23552 =DSM 43043 =JCM 3097 =NRRL B  
-3866 =VKM Ac-701

NBRC Medium 230

28°C

Synonym

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