

Strain identifier

BacDive ID: 15258 **DOI:** 10.13145/bacdive15258.20190402.4
Type strain: no
Culture col. no.: DSM 40520, ATCC 17963, CBS 729.72, IFO 13428, ISP 5520, NBRC 13428, RIA 1389

Sections

[Name and taxonomic classification](#)
[Culture and growth conditions](#)
[Isolation, sampling and environmental information](#)
[Molecular biology](#)
[Strain availability](#)
[References](#)

Name and taxonomic classification

Ref.: 9614	Domain	Bacteria
Ref.: 9614	Phylum	Actinobacteria
Ref.: 9614	Class	Actinobacteria
Ref.: 9614	Order	Actinomycetales
Ref.: 9614	Family	Streptomycetaceae
Ref.: 9614	Genus	Streptomyces
Ref.: 9614	Species	Streptomyces griseocarneus
Ref.: 9614	Full Scientific Name	Streptomyces griseocarneus (Benedict et al. 1950) Witt and Stackebrandt 1991
Ref.: 9614	Designation:	None
Ref.: 9614	Type strain:	no

Prokaryotic Nomenclature Up-to-date (PNU)

Ref.: 20215	Domain	Bacteria
Ref.: 20215	Phylum	Actinobacteria
Ref.: 20215	Class	Actinobacteria
Ref.: 20215	Literature reference	Int. J. Syst. Bacteriol. 47:483*
Ref.: 20215	Family	Streptomycetaceae
Ref.: 20215	Genus	Streptomyces
Ref.: 20215	Taxonomical status	genus (AL)
Ref.: 20215	Literature reference	Int. J. Syst. Bacteriol. 30:225
Ref.: 20215	Species	Streptomyces griseocarneus



Ref.: 20215	Taxonomical status	comb. nov. (VL)
Ref.: 20215	Literature reference	Int. J. Syst. Bacteriol. 41:456
Ref.: 20215	Full Scientific Name	Streptomyces griseocarneus (Benedict et al. 1950) Witt and Stackebrandt 1991
Ref.: 20215	Synonym	Streptoverticillium griseocarneum
Ref.: 20215	Synonym	Streptomyces alboverticillatus
Ref.: 20215	Synonym	Streptomyces septatus
Ref.: 20215	Synonym	Streptoverticillium alboverticillatum
Ref.: 20215	Synonym	Streptoverticillium septatum

Culture and growth conditions

Ref.: 9614	Culture medium	GYM STREPTOMYCES MEDIUM (DSMZ Medium 65), 28°C
Ref.: 9614	Culture medium growth	yes
Ref.: 9614	Culture medium link	https://www.dsmz.de/microorganisms/medium/pdf/DSMZ_Medium65.pdf

Ref.: 9614	Temperatures	Kind of temperature	Temperature
		growth	28 °C

Ref.: 9614	Temperature range	mesophilic
------------	--------------------------	------------

Isolation, sampling and environmental information

Ref.: 9614	Sample type/isolated from	soil
------------	----------------------------------	------

Isolation sources categories	Cat1	Cat2	Cat3
	#Environmental	#Terrestrial	#Soil

Molecular biology

	Sequence database	Sequence accession description	Sequence accession number	Sequence length(bp)	Associated NCBI tax ID	
Ref.: 20218	Marker Gene (DDBJ Direct submission)	Streptomyces tropicalensis gyrB gene for gyrase B, partial cds	AB072888	1197	83381	*
Ref.: 20218	Marker Gene (DDBJ Direct submission)	Streptomyces griseocarneus gene for 16S rRNA, partial sequence, strain: NBRC 13428	AB184863	1463	51201	*

Strain availability

- Ref.: 9614 **Culture collection no.** DSM 40520, ATCC 17963, CBS 729.72, IFO 13428, ISP 5520, NBRC 13428, RIA 1389
- Ref.: 9614 **Strain history** <- E.B. Shirling, ISP (*Streptoverticillium tropicalensis*) <- ATCC <- K. C. Gupta, RRL 61B/6

Associated Passport(s) in StrainInfo

- Ref.: 20218 165691 - <http://www.straininfo.net/strains/165691>
- Ref.: 20218 99581 - <http://www.straininfo.net/strains/99581>
- Ref.: 20218 229088 - <http://www.straininfo.net/strains/229088>
- Ref.: 20218 99584 - <http://www.straininfo.net/strains/99584>
- Ref.: 20218 99585 - <http://www.straininfo.net/strains/99585>
- Ref.: 20218 334766 - <http://www.straininfo.net/strains/334766>
- Ref.: 20218 99586 - <http://www.straininfo.net/strains/99586>

References

- Ref.: 9614 Leibniz Institut DSMZ-Deutsche Sammlung von Mikroorganismen und Zellkulturen GmbH; Curators of the DSMZ; DSM 40520
- Ref.: 20215 D.Gleim, M.Kracht, N.Weiss et. al.: Prokaryotic Nomenclature Up-to-date - compilation of all names of Bacteria and Archaea, validly published according to the Bacteriological Code since 1. Jan. 1980, and validly published nomenclatural changes since.
- Ref.: 20218 Verslyppe, B., De Smet, W., De Baets, B., De Vos, P., Dawyndt P. StrainInfo introduces electronic passports for microorganisms.. Syst Appl Microbiol. 37: 42-50 2014 (10.1016/j.syapm.2013.11.002, 24321274)

* These References are textmined

[back to top](#)