



Streptomyces *clavuligerus* Higgens and Kastner

27064™

Description

This strain of *Streptomyces clavuligerus* was isolated from soil in South America. This bacterium produces cephalosporins, clavulanic acid, and penicillin G benzylpenicillin.

Strain designation: [NRRL 3585]

Deposited As: *Streptomyces clavuligerus* Higgens and Kastner

Type strain: Yes

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Patent number:

4,525,352

Technical information: ATCC Technical Services does not have technical information on patent deposits that are not produced or characterized by ATCC. Additional information can be found in the corresponding patent available from the patent holder or with the U.S. and/or international patent office.

Storage Conditions

Product format: Freeze-dried

Storage conditions: 2°C to 8°C

Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.



BSL 1

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ATCC highly recommends that appropriate personal protective equipment is always used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Growth Conditions

Medium:

ATCC Medium 1877: ISP Medium 1

ATCC Medium 0196: Yeast malt extract medium ISP #2

Temperature: 30°C

Atmosphere: Aerobic

Handling Procedures

1. Open vial according to enclosed instructions or visit www.atcc.org for instructions.
 2. Rehydrate the entire pellet with approximately 0.5 mL of #1877 broth. Aseptically transfer the entire contents to a 5-6 mL tube of #1877 broth. Additional test tubes can be inoculated by transferring 0.5 mL of the primary broth tube to these secondary tubes.
 3. Use several drops of the primary broth tube to inoculate a #196 plate slant.
 4. Incubate at 30°C for 3-8 days.
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Notes

Additional information on this culture is available on the ATCC® web site at www.atcc.org.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Streptomyces clavuligerus* Higgins and Kastner (ATCC 27064)

References

References and other information relating to this material are available at www.atcc.org.

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Revision

This information on this document was last updated on 2022-10-01

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