Actinomadura madurae (Vincent) Lechevalier and Lechevalier

19425™

Description

Strain designation: NCTC 5654 [Aden]
Deposited As: *Nocardia madurae* (Vincent) Blanchard
Type strain: Yes

Storage Conditions

Product format: Freeze-dried

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 2

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

Actinomadura madurae (Vincent) Lechevalier and Lechevalier

19425

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

Temperature: 37°C

Handling Procedures

1. Open vial according to the enclosed instructions.

2. Using a single tube of ISP #1 broth (5 to 6 ml), withdraw approximately 0.5 ml to 1.0 ml with a Pasteur or 1.0 ml pipette. Rehydrate the pellet.

3. Aseptically transfer this aliquot back into the broth tube and mix well.

4. Use several drops of the cell suspension to inoculate a second tube of broth, a slant and/or a plate.

5. Incubate all tubes and plate at 37°C for 48-72 hours.

Actinomadura madurae (Vincent) Lechevalier and Lechevalier

19425

Notes

Vegetative cells have an irregular edge and a smooth, heaped folded center. Pigmentation of the vegetative cells is medium to dark pink on ATCC #196, ISP 2 medium. The strain does not produce aerial mycelium or a soluble pigment.

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: *Actinomadura madurae* (Vincent) Lechevalier and Lechevalier (ATCC 19425)

References

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

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19425

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Contact Information

ATCC

10801 University Boulevard

Manassas, VA 20110-2209

USA

US telephone: 800-638-6597

Worldwide telephone: +1-703-365-2700

Email: tech@atcc.org or contact your local distributor