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Title: Isolation and characterization of the cotinine-degrading bacterium *Nocardioides* sp. strain JQ2195

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Isolation and characterization of the cotinine-degrading bacterium *Nocardioides* sp. strain JQ2195

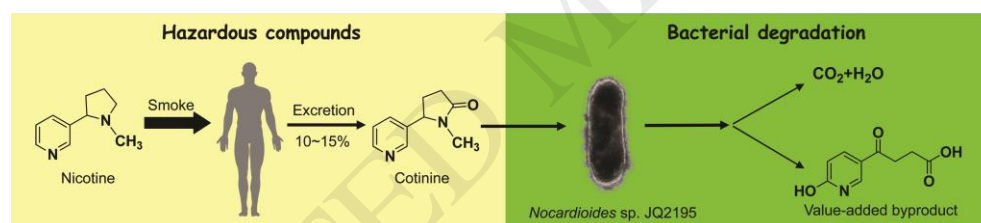
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Graphical abstract



Highlights

- A novel *Nocardioides* sp. strain JQ2195 that able to degrade cotinine was isolated.
- Two novel cotinine intermediates were identified for the first time.
- The cotinine dehydrogenase activity was determined.

Abstract

Cotinine, the primary nicotine metabolite, not only more stable and more difficult to degrade in the environment but is a potential health risk to human. To date, little is known about the biodegradation process of cotinine. In this study, a bacterial strain

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