

N,N'-diacetyllegionaminate synthase

Cat. No. EXWM-2717

Lot. No. (See product label)

Introduction

Description

Requires a divalent metal such as Mn^{2+} . Isolated from the bacteria *Legionella pneumophila* and *Campylobacter jejuni*, where it is involved in the biosynthesis of legionaminic acid, a virulence-associated, cell surface sialic acid-like derivative.

Synonyms

neuB (gene name); legI (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.5.1.101

Reaction

2,4-diacetamido-2,4,6-trideoxy- α -D-mannopyranose + phosphoenolpyruvate + H_2O
= N,N'-diacetyllegionaminate + phosphate

Notes

This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.