

diadenylate cyclase

Cat. No. EXWM-3298

Lot. No. (See product label)

Introduction

Description

Cyclic di-3',5'-adenylate is a bioactive molecule produced by some bacteria and archaea, which may function as a secondary signalling molecule. The intracellular bacterial pathogen *Listeria monocytogenes* secretes it into the host's cytosol, where it triggers a cytosolic pathway of innate immunity.

Synonyms

cyclic-di-AMP synthase; dacA (gene name); disA (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.7.7.85

Reaction

2 ATP = 2 diphosphate + cyclic di-3',5'-adenylate

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.