

cytidine deaminase

Cat. No. EXWM-4573

Lot. No. (See product label)

Introduction

Description

Contains zinc. Catalyses the deamination of cytidine and 2'-deoxycytidine with similar efficiencies. The enzyme, which is widely distributed among organisms, is involved in salvage of both exogenous and endogenous cytidine and 2'-deoxycytidine for UMP synthesis.

Synonyms

cytosine nucleoside deaminase; (deoxy)cytidine deaminase; cdd (gene name); CDA (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.5.4.5

CAS No.

9025-06-3

Reaction

(1) cytidine + H₂O = uridine + NH₃; (2) 2'-deoxycytidine + H₂O = 2'-deoxyuridine + NH₃

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.