

## dCTP deaminase

Cat. No. EXWM-4540

Lot. No. (See product label)

### Introduction

#### Description

This enzyme belongs to the family of hydrolases, those acting on carbon-nitrogen bonds other than peptide bonds, specifically in cyclic amidines. The systematic name of this enzyme class is dCTP aminohydrolase. Other names in common use include deoxycytidine triphosphate deaminase, and 5-methyl-dCTP deaminase. This enzyme participates in pyrimidine metabolism.

#### Synonyms

deoxycytidine triphosphate deaminase; 5-methyl-dCTP deaminase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.5.4.13

#### CAS No.

37289-18-2

#### Reaction

dCTP + H<sub>2</sub>O = dUTP + NH<sub>3</sub>

#### 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.