

## pyrimidine-deoxynucleoside 2'-dioxygenase

Cat. No. EXWM-0647

Lot. No. (See product label)

### Introduction

#### Description

Requires Fe(II) and ascorbate. Also acts on thymidine. cf. EC 1.14.11.10, pyrimidine-deoxynucleoside 1'-dioxygenase.

#### Synonyms

deoxyuridine 2'-dioxygenase; deoxyuridine 2'-hydroxylase; pyrimidine deoxyribonucleoside 2'-hydroxylase; thymidine 2'-dioxygenase; thymidine 2'-hydroxylase; thymidine 2-oxoglutarate dioxygenase; thymidine dioxygenase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.14.11.3

#### CAS No.

9076-89-5

#### Reaction

2'-deoxyuridine + 2-oxoglutarate + O<sub>2</sub> = uridine + succinate + CO<sub>2</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.