Creative Enzymes®

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 + O2 = uridine + succinate + CO2
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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.