Creative Enzymes®

2'-deoxymugineic-acid 2'-dioxygenase

Cat. No. EXWM-0641

Lot. No. (See product label)

Introduction

Description	Requires iron(II). It is also likely that this enzyme can catalyse the hydroxylation of 3-epihydroxy-2'-deoxymugineic acid to form 3-epihydroxymugineic acid.
Synonyms	IDS3

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.14.11.24
CAS No.	133758-62-0
Reaction	2'-deoxymugineic acid + 2-oxoglutarate + O2 = mugineic acid + 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 ℃.