

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 °C for short term. For long term storage, store it at -20 °C~-80 °C.