

terephthalate 1,2-dioxygenase

Cat. No. EXWM-0684

Lot. No. (See product label)

Introduction

Description

Has been shown to contain a Rieske [2Fe-2S] cluster

Synonyms

benzene-1,4-dicarboxylate 1,2-dioxygenase; 1,4-dicarboxybenzoate 1,2-dioxygenase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.14.12.15

CAS No.

162032-76-0

Reaction

terephthalate + NADH + H⁺ + O₂ = (1R,6S)-dihydroxycyclohexa-2,4-diene-1,4-dicarboxylate + NAD⁺

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.