Creative Enzymes®

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