Creative Enzymes®

chloridazon-catechol dioxygenase

Cat. No. EXWM-0555

Lot. No. (See product label)

Introduction

Description	An iron protein, requiring additional Fe2+. Not identical with EC 1.13.11.1 (catechol 1,2-dioxygenase), EC 1.13.11.2 (catechol 2,3-dioxygenase) or EC 1.13.11.5 (homogentisate 1,2-dioxygenase). Involved in the breakdown of the herbicide chloridazon.
Synonyms	5-amino-4-chloro-2-(2,3-dihydroxyphenyl)-3(2H)-pyridazinone 1,2-oxidoreductase (decyclizing)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.13.11.36
CAS No.	82869-32-7
Reaction	5-amino-4-chloro-2-(2,3-dihydroxyphenyl)-3(2H)-pyridazinone + O2 = 5-amino-4-chloro-2-(2-hydroxymuconoyl)-3(2H)-pyridazinone
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 ℃.