Creative Enzymes®

isoquinoline 1-oxidoreductase

Cat. No. EXWM-1421

Lot. No. (See product label)

Introduction

Description	The enzyme from Pseudomonas diminuta is specific towards N-containing N-heterocyclic substrates, including isoquinoline, isoquinolin-5-ol, phthalazine and quinazoline. Electron acceptors include 1,2-benzoquinone, cytochrome c, ferricyanide, iodonitrotetrazolium chloride, nitroblue tetrazolium, Meldola blue and phenazine methosulfate.

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.3.99.16
CAS No.	155948-73-5
Reaction	isoquinoline + acceptor + H2O = isoquinolin-1(2H)-one + reduced acceptor
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 ℃.