Creative Enzymes®

tagaturonate reductase

Cat. No. EXWM-0343

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of oxidoreductases, specifically those acting on the CH-OH group of donor with NAD+ or NADP+ as acceptor. The systematic name of this enzyme class is D-altronate:NAD+ 3-oxidoreductase. Other names in common use include altronic oxidoreductase, altronate oxidoreductase, TagUAR, altronate dehydrogenase, and D-tagaturonate reductase. This enzyme participates in pentose and glucuronate interconversions.
Synonyms	altronic oxidoreductase; altronate oxidoreductase; TagUAR; altronate dehydrogenase; D-tagaturonate reductase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.1.1.58
CAS No.	9028-45-9
Reaction	D-altronate + NAD+ = D-tagaturonate + NADH + H+
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 ℃.