Creative Enzymes®

galactarate dehydratase

Cat. No. EXWM-5031

Lot. No. (See product label)

Introduction

Description	The enzyme from the bacterium Escherichia coli is specific for galactarate, while the enzyme from Salmonella typhimurium also has activity with L-talarate (cf. EC 4.2.1.156, L-talarate dehydratase). cf. EC 4.2.1.158, galactarate dehydratase (D-threo-forming).
Synonyms	D-galactarate hydro-lyase; D-galactarate hydro-lyase (5-dehydro-4-deoxy-D-glucarate-forming); talrD (gene name)/galrD (gene name); galactarate dehydratase (L-threo-forming)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.2.1.42
CAS No.	37290-78-1
Reaction	galactarate = (2R,3S)-2,3-dihydroxy-5-oxohexanedioate + H2O
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 ℃.