Creative Enzymes®

4-hydroxy-2-oxohexanoate aldolase

Cat. No. EXWM-4920

Lot. No. (See product label)

Introduction

Description	Requires Mn2+ for maximal activity. The enzymes from the bacteria Burkholderia xenovorans and Thermus thermophilus also perform the reaction of EC 4.1.3.39, 4-hydroxy-2-oxovalerate aldolase. The enzyme forms a bifunctional complex with EC 1.2.1.87, propanal dehydrogenase (CoA-propanoylating), with a tight channel connecting the two subunits.
Synonyms	BphI

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.1.3.43
Reaction	(S)-4-hydroxy-2-oxohexanoate = propanal + pyruvate
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 ℃.