Creative Enzymes®

trans-o-hydroxybenzylidenepyruvate hydratase-aldolase

Cat. No. EXWM-4881

Lot. No. (See product label)

Introduction

Description	This enzyme is involved in naphthalene degradation. The enzyme catalyses a retro-aldol reaction in vitro, and it accepts a broad range of aldehydes and 4-substituted 2-oxobut-3-enoates as substrates.
Synonyms	2'-hydroxybenzalpyruvate aldolase; NsaE; tHBPA hydratase-aldolase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.1.2.45
Reaction	(3E)-4-(2-hydroxyphenyl)-2-oxobut-3-enoate + H2O = salicylaldehyde + 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 ℃.