

monoterpene ε-lactone hydrolase

Cat. No. EXWM-3512 Lot. No. (See product label)

Introduction	
Description	The enzyme catalyses the ring opening of ε -lactones which are formed during degradation of dihydrocarveol by the Gram-positive bacterium Rhodococcus erythropolis DCL14. The enzyme also acts on ethyl caproate, indicating that it is an esterase with a preference for lactones (internal cyclic esters). The enzyme is not stereoselective.
Synonyms	MLH
Product Information	
Form	Liquid or lyophilized powder
EC Number	EC 3.1.1.83
Reaction	 (1) isoprop(en)ylmethyloxepan-2-one + H2O = 6- hydroxyisoprop(en)ylmethylhexanoate (general reaction); (2) 4-isopropenyl-7- methyloxepan-2-one + H2O = 6-hydroxy-3-isopropenylheptanoate; (3) 7-isopropyl- 4-methyloxepan-2-one + H2O = 6-hydroxy-3,7-dimethyloctanoate
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 °C for short term. For long term storage, store it at -20 °C~-80 °C.