Creative Enzymes®

maleimide hydrolase

Cat. No. EXWM-4499

Lot. No. (See product label)

Introduction

Description	Succinimide and glutarimide, and sulfur-containing cyclic imides, such as rhodanine, can also act as substrates for the enzyme from Blastobacter sp. A17p-4. The reverse, cyclization, reaction is also catalysed, but much more slowly. It has lower activity towards cyclic ureides, which are the substrates of EC 3.5.2.2, dihydropyrimidinase.
Synonyms	imidase; cyclic imide hydrolase; cyclic-imide amidohydrolase (decyclicizing) [misprint]; cyclic-imide amidohydrolase (decyclizing)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.5.2.16
CAS No.	9030-74-4
Reaction	maleimide + H2O = maleamic acid
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 ℃.