

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 (decyclizing) [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 °C for short term. For long term storage, store it at -20 °C~-80 °C.