

(R)-amidase

Cat. No. EXWM-4379

Lot. No. (See product label)

Introduction

Description

In addition (R)-piperidine-3-carboxamide is hydrolysed to (R)-piperidine-3-carboxylic acid and NH₃, and (R)-N-tert-butylpiperazine-2-carboxamide is hydrolysed to (R)-piperazine-2-carboxylic acid and tert-butylamine with lower activity. The enzyme does not act on the other amide substrates which are hydrolysed by EC 3.5.1.4 (amidase).

Synonyms

R-stereospecific amidase; R-amidase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.5.1.100

Reaction

(1) (R)-piperazine-2-carboxamide + H₂O = (R)-piperazine-2-carboxylate + NH₃; (2) β-alaninamide + H₂O = β-alanine + NH₃

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.