

deuterolysin

Cat. No. EXWM-4321

Lot. No. (See product label)

Introduction

Description

Proteolytic activity found in *Penicillium roqueforti*, *P. caseicolum*, *Aspergillus sojae* and *A. oryzae*. Optimum pH of 5 for digesting various proteins. Strong action on protamine and histones. Insensitive to phosphoramidon. About 20 kDa. A distinct *Aspergillus sojae* endopeptidase is larger and has a neutral pH optimum. Type example of peptidase family M35. Formerly included in EC 3.4.24.4

Synonyms

Penicillium roqueforti protease II; microbial neutral proteinase II; acid metalloproteinase; neutral proteinase II; *Penicillium roqueforti* metalloproteinase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.4.24.39

CAS No.

247028-11-1

Reaction

Preferential cleavage of bonds with hydrophobic residues in P1'; also Asn3↓Gln and Gly8↓Ser bonds in insulin B chain

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.