

fruit bromelain

Cat. No. EXWM-4208

Lot. No. (See product label)

Introduction

Description

From the pineapple plant, *Ananas comosus*. Scarcely inhibited by chicken cystatin. Another cysteine endopeptidase, with similar action on small molecule substrates, pinguinain, is obtained from the related plant, *Bromelia pinguin*, but pinguinain differs from fruit bromelain in being inhibited by chicken cystatin.

Synonyms

juice bromelain; ananase; bromelase; bromelin; extranase; juice bromelain; pinase; pineapple enzyme; traumanase; fruit bromelain FA2

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.4.22.33

CAS No.

9001-00-7

Reaction

Hydrolysis of proteins with broad specificity for peptide bonds. Bz-Phe-Val-Arg-NHMe is a good synthetic substrate, but there is no action on Z-Arg-Arg-NHMe (c.f. stem bromelain)

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.