

sedolisin

Cat. No. EXWM-4095

Lot. No. (See product label)

Introduction

Description

An enzyme secreted by *Pseudomonas* sp. No. 101. Optimum pH is 4. It is distinguished from xanthomonapepsin by its insensitivity to EPNP and from scytalidopepsin B by this property and by its unrelated amino-acid sequence. Inhibited by tyrostatin, a peptide aldehyde. Type example of peptidase family S53.

Synonyms

Pseudomonas sp. pepstatin-insensitive carboxyl proteinase; pseudomonapepsin; pseudomonalisin; sedolysin

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.4.21.100

CAS No.

848318-58-1

Reaction

Hydrolysis of the B chain of insulin at -Glu13↓Ala-, -Leu15↓Tyr- and -Phe25↓Tyr-, and angiotensin I at -Tyr4↓Ile-. A good synthetic substrate is Lys-Pro-Ile-Glu-Phe↓Phe(NO₂)-Arg-Leu.

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.