

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.