Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.