

## PROTEASE from *STREPTOMYCES FRADIAE*

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### SYNONYMS

INS No. 1101(i)

### SOURCES

Produced by the controlled fermentation of *Streptomyces fradiae*.

Active principles

Proteinase (peptide hydrolase)

Systematic names and numbers

Proteinase of unknown catalytic mechanism  
None (EC 3.4.99)

Reactions catalyzed

The enzyme preparations hydrolyzes proteins and peptides with no clear specificity, yielding peptides of lower molecular weight.

### DESCRIPTION

Off-white to tan amorphous powders, soluble in water and practically insoluble in ethanol, chloroform and ether

### FUNCTIONAL USES

Enzyme preparation  
Used in the preparation of beverages

### GENERAL SPECIFICATIONS

Must conform to the *General Specifications for Enzyme Preparations used in Food Processing* (see Volume Introduction)

### CHARACTERISTICS

IDENTIFICATION

Proteinase activity (Vol. 4) The sample shows proteinase activity