

Native *Aspergillus restrictus* Restrictocin

Cat. No. NATE-0865

Lot. No. (See product label)

Introduction

Description

Restrictocin from *Aspergillus restrictus* is a ribosome-inactivating protein that acts by specifically cleaving rRNA. Approximately 70% of the protein is active restrictocin. Restrictocin shares a high degree of amino acid sequence homology with mitogillin, a ribotoxin that cleaves a single phosphodiester bond of the 29S rRNA of eukaryotic ribosomes. Restrictocin is thought to be activated during the process of secretion.

Applications

Restrictocin from *Aspergillus restrictus* is used to inhibit protein synthesis. It may be useful as a component of immunotoxins. This product is provided as a lyophilized powder.

Synonyms

Restrictocin; 1406-72-0

Product Information

Source

Aspergillus restrictus

Form

Lyophilized powder

CAS No.

1406-72-0

Storage and Shipping Information

Storage

Store at -20°C