

Native Soybean Trypsin Inhibitor

Cat. No. NATE-0899

Lot. No. (See product label)

Introduction

Description

Trypsin inhibitors are found in a variety of sources, such as soybean, human plasma, lima bean, and bovine pancreas. Soybean trypsin inhibitor will inhibit trypsin mole for mole and will also inhibit chymotrypsinogen to a lesser extent. Trypsin inhibitor from soybean has a molecular weight of 24,000 and is composed of a single polypeptide chain, which is crosslinked by two disulfide bridges. Trypsin inhibitor is used for the treatment of hyperactive conditions of the pancreas.

Synonyms

Trypsin Inhibitor

Product Information

Species

Soybean

Source

Soybean

Form

Freeze-dried powder

Molecular Weight

24 kDa

Activity

10,000 BAEE units of inhibition/mg material

Unit Definition

The amount of inhibitor which will reduce the activity of one BAEE unit of trypsin. One BAEE unit of trypsin is the amount of enzyme causing an increase in absorbance of 0.001 per minute at 25°C and 253 nm.

Storage and Shipping Information

Storage

Store at -20°C (-4°F)