

## Pellitorine

Cat. No. CEI-0394

Lot. No. (See product label)

### Introduction

#### Description

Cell-permeable. A natural product isolated from the roots of Piper Nigrum. Modulator of the sensory neuron function to induce tingling paresthesia. Excellent stable model compound for sensory studies.  $\alpha$ -Glucosidase inhibitor used in diabetes mellitus, cancer, infection and inflammatory research. Also acts as a ACAT (Acyl-CoA cholesteryl acyl transferase) inhibitor. Potential anti-cancer lead compound.

#### Synonyms

BRN 1725967

### Product Information

#### Appearance

White solid

#### CAS No.

18836-52-7

#### Molecular Formula

C 14 H 25 NO

#### Chemical Name

(E,E)-N-(2-Methylpropyl) 2,4-decadienamide

#### Molecular Weight

182.2

#### Purity

>99% by TLC

#### Targets

ACAT (Acyl-CoA cholesteryl acyl transferase)

#### Solubility

H<sub>2</sub>O (25 mg/ml)

### Storage and Shipping Information

#### Storage

-20 centigrade

#### Shipping Conditions

Gel pack