

Cathepsin G Inhibitor

Cat. No. CEI-0446

Lot. No. (See product label)

Introduction

Description

A potent, selective, reversible, competitive, non-peptide inhibitor of cathepsin G (IC₅₀ = 53 nM and K_i = 63 nM). Acts as a weak inhibitor of chymotrypsin (K_i = 1.5 μM), thrombin, factor Xa, factor IXa, plasmin, trypsin, tryptase, proteinase 3, and human leukocyte elastase (IC₅₀ > 100 μM).

Synonyms

Cathepsin G Inhibitor

Product Information

Appearance

Pale yellow solid

CAS No.

429676-93-7

Molecular Formula

C₃₆ H₃₃ N₂ O₆ P

Molecular Weight

373.49

Purity

>98% by HPLC

Targets

CTSB, CTSL

Solubility

DMSO (~50 mM) or EtOH (~25 mM)

Storage and Shipping Information

Storage

-20 centigrade

Shipping Conditions

Gel pack