

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