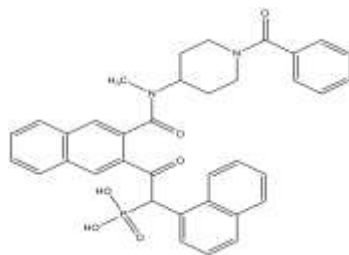


Cathepsin G Inhibitor

CATALOG #: 1982-1

AMOUNT: 1 mg

STRUCTURE:



MOLECULAR FORMULA: C₃₆H₃₃N₂O₆P

MOLECULAR WEIGHT: 620.63

CAS NUMBER: 429676-93-7

APPEARANCE: White solid

SOLUBILITY: DMSO

PURITY: ≥98% HPLC

STORAGE: Store at -20 °C. Protect from light.

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).

REFERENCE: Greco, M.N., *et al.* (2002). *J. Am. Chem. Soc.* **124**, 3810-3811.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

- Cathepsin G, Human neutrophil (Cat. No. 4713-100)
- Cathepsin G Antibody (Cat. No. 3370-200)