Cathepsin G Inhibitor

CATALOG #: 1982-1

AMOUNT: 1 mg

STRUCTURE:

MOLECULAR FORMULA: $C_{36}H_{33}N_2O_6P$

MOLECULAR WEIGHT: 620.63

CAS NUMBER: 429676-93-7

APPEARANCE: White solid

SOLUBILITY: DMSO

PURITY: $\geq 98\%$ HPLC

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

DESCRIPTION: A potent, selective, reversible, competitive, non-peptide inhibitor of cathepsin G ($IC_{50} = 53$ nM and $Ki = 63$ nM). Acts as a weak inhibitor of chymotrypsin ($Ki = 1.5 \mu M$), thrombin, factor Xa, factor IXa, plasmin, trypsin, tryptase, proteinase 3, and human leukocyte elastase ($IC_{50} > 100 \mu M$).


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)