TAPI-0

ALTERNATE NAME: N-(R)-(2-(Hydroxymaminocarbonyl)methyl)-4-methylpentanoyl-L-naphthylalanyl-L-alanine amide; TNF protease inhibitor-0; C1

CATALOG #: 2067-1

AMOUNT: 1 mg

STRUCTURE:

MOLECULAR FORMULA: C_{24}H_{32}N_{4}O_{5}

MOLECULAR WEIGHT: 456.55

CAS NUMBER: 143457-40-3

APPEARANCE: White solid

SOLUBILITY: DMSO (~ 5 mg/ml) or 50% acetic acid (~ 5 mg/ml).

PURITY: ≥95% by HPLC

STORAGE: Store at -20 °C. Protect from air and moisture.

DESCRIPTION: Inhibitor of TNF-α processing (IC_{50} = 100 nM). Inhibits TACE (ADAM17) and other metalloproteases with Ki (nM) values of 8.8, 17, 6, 68, 0.5 and 0.2 for TACE, MDC9 (ADAM9), MMP-1, MMP-3, MMP-9 and MMP-13, respectively.

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 in humans.

RELATED PRODUCTS:
- Batimastat (Cat. No. 1704-1)
- GM6001 (Cat. No. 1799-1)
- Marimastat (Cat. No. 1790-1, 5)
- MMP-9 Antibody (Cat. No. 3529-100)
- MMP-9 Antibody (Cat. No. 3969-200)
- MMP-9 Antibody (Cat. No. 5565-100)
- MMP-9, human recombinant (Cat. No. 7789-10, 50, 1000)
- MMP-9 Inhibitor (Cat. No. 1981-500)
- TAPI-1 (Cat. No. 2068-1)
- TAPI-2 (Cat. No. 2069-1)