

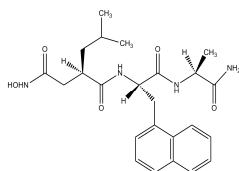
## TAPI-0

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

**CATALOG #:** 2067-1

**AMOUNT:** 1 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>24</sub>H<sub>32</sub>N<sub>4</sub>O<sub>5</sub>

**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- $\alpha$  processing (IC<sub>50</sub> = 100 nM). Inhibits TACE (ADAM17) and other metalloproteases with K<sub>i</sub> (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.

### 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)

**FOR RESEARCH USE ONLY! Not to be used in humans.**