

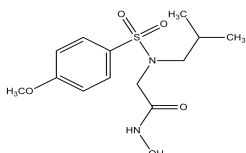
PRODUCT: MMP-III Inhibitor, NNGH

ALTERNATE NAME: N-Isobutyl-N-(4-methoxyphenylsulfonyl)glycyl hydroxamic acid

CATALOG #: 2569-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₃H₂₀N₂O₅S

MOLECULAR WEIGHT: 316.38

CAS No. 161314-17-6

APPEARANCE: White solid

SOLUBILITY: DMSO (~30 mg/ml) or EtOH (~ 8 mg/ml)

PURITY: ≥98% by TLC

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

DESCRIPTION: Cell-permeable. A potent inhibitor of matrix metalloproteinase-3 (MMP-3) (K_i = 0.013 μM). Also inhibits MMP-1, -2, -7-10, -12-14 and MMP-20. Attenuates inflammation-induced thermal hyperalgesia.

REFERENCES: MacPherson, L.J., *et al.* (1997). *J. Med. Chem.* **40**, 2525-2532.

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)
- Doxycycline hyclate (Cat. No. 2209-100, 500)
- GM6001 (Cat. No. 1799-1)
- Marimastat (Cat. No. 1790-1, 5)
- MMP-3 Activity Fluorometric Assay Kit (Cat. No. K783-100)
- MMP-3 Inhibitor Screening Kit (Fluorometric) (Cat. No. K793-100)
- 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-0 (Cat. No. 2067-1)
- TAPI-1 (Cat. No. 2068-1)
- EZSolution™ TAPI-1 (Cat. No. 2540-1)
- TAPI-2 (Cat. No. 2069-1)

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