

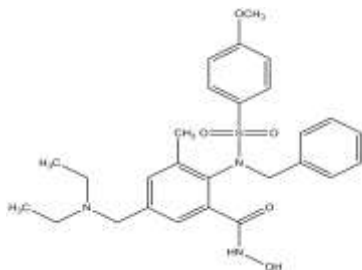
MMP-9 Inhibitor

ALTERNATE NAME: 2-(N-benzyl-4-methoxyphenylsulfonamido)-5-((diethylamino)methyl)-N-hydroxy-3-methylbenzamide

CATALOG #: 1981-500

AMOUNT: 500 µg

STRUCTURE:



MOLECULAR FORMULA: C₂₇H₃₃N₃O₅S

MOLECULAR WEIGHT: 511.63

CAS NUMBER: 1177749-58-4

APPEARANCE: Off-white solid

SOLUBILITY: DMSO

PURITY: ≥95% HPLC

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

DESCRIPTION: Cell-permeable. A potent, selective, and reversible MMP-9 Inhibitor (IC₅₀ = 5 nM). Inhibits MMP-1 (IC₅₀ = 1.05 µM) and MMP-13 (IC₅₀ = 113 nM) only at much higher concentrations.

REFERENCE: Levin, J.I., *et al.* (2001). *Bioorg. Med. Chem. Lett.* **11**, 2975-2978.

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:

- 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)