

PRODUCT: K-7174 dihydrochloride**ALTERNATE NAME:** 1,4-bis((E)-5-(3,4,5-trimethoxyphenyl)pent-4-en-1-yl)-1,4-diazepane dihydrochloride**CATALOG #:** 9478-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₃₃H₅₀BrCl₂N₂O₆**MOLECULAR WEIGHT:** 641.67**CAS NUMBER:** 191089-60-8**APPEARANCE:** White to off-white solid**SOLUBILITY:** DMSO (>6 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** K-7174 dihydrochloride is a novel cell adhesion inhibitor; inhibits the expression of vascular cell adhesion molecule-1 (VCAM-1) induced by either IL-1β or TNF-α. K7174 also ameliorated anemia induced by inflammatory cytokines in mice.**REFERENCE:** Fujiwara, T., et al. (2013). PLoS One ;8(9):e75568**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**TNF-alpha, human recombinant (**1050**)TNF-alpha, murine recombinant (**1051**)TNF-alpha, rat recombinant (**1052**)Human CellExp™ TNF-alpha, human recombinant (**6482**)VCAM-1 (human) ELISA Kit (**K7211-100**)VCAM-1 (mouse) ELISA Kit (**K7212-100**)Human CellExp™ VCAM-1, human recombinant (**7211**)**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**