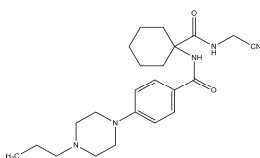


Product: Balicatib**ALTERNATE NAME:** N-(1-((cyanomethyl)carbamoyl)cyclohexyl)-4-(4-propylpiperazin-1-yl)benzamide; AAE581**CATALOG #:** 2596-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₃H₃₃N₅O₂**MOLECULAR WEIGHT:** 411.54**CAS No.** 354813-19-7**APPEARANCE:** White to off-white solid**SOLUBILITY:** DMSO**PURITY:** >98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** Cell-permeable. Balicatib is a potent human cathepsin K inhibitor *in vitro* (IC₅₀ = 1.4 nM) with a high selectivity over human cathepsins B, L, and S (> 4,800-fold, > 500-fold and > 65,000-fold, respectively).**REFERENCES:** Brömme, D., and Lecaille, F. (2009). *Expert Opin. Investig. Drugs* **18**, 585-600; Falguyret, J.P., *et al.* (2005). *J. Med. Chem.* **48**, 7535-7543.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

Procathepsin K, mouse recombinant (**Cat. No. 1027-10, 50, -1000**)
Procathepsin K, human recombinant (**Cat. No. 1026-10, 50, -1000**)
Cathepsin K, human recombinant (**Cat. No. 7600-5, 50**)
Cathepsin K, mouse recombinant (**Cat. No. 7597-5, 50**)
Cathepsin K, rat recombinant (**Cat. No. 7598-5, 50**)
Cathepsin K activity assay kit (**Cat. No. K141-100**)
Cathepsin K Antibody (**Cat. No. 3368-100, 3588-100**)
Cathepsin K Antibody (**Cat. No. 3368BP-50, 3588BP-50**)
Cathepsin K Antibody (**Cat # 3368-100**)
Cathepsin K Blocking Peptide (**Cat # 3368BP-50**)
Cathepsin K Antibody (**Cat # 3588-100**)
Cathepsin K Blocking Peptide (**Cat # 3588BP-50**)

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