

Product Information

Product ID B0245

CAS No. 354813-19-7

Chemical Name

Synonym AAE-581

Formula C₂₃H₃₃N₅O₂

Formula Wt. 411.55

Melting Point

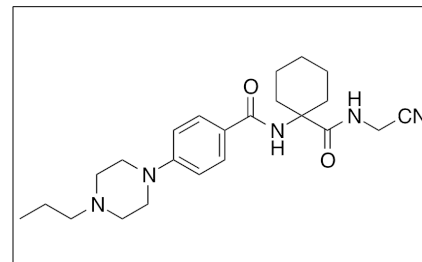
Purity ≥98%

Solubility DMSO: ≥ 46 mg/mL

Store Temp -20°C

Ship Temp Ambient

Description Balicatib is an inhibitor of cathepsin K that displays anti-resorptive activity. Balicatib inhibits osteoclast activity, decreasing bone turnover and increasing bone mineral density and bone formation rates.



Bulk quantities available upon request

Product ID	Size
B0245	5 mg
B0245	25 mg

References Jerome C, Missbach M, Gamse R. Balicatib, a cathepsin K inhibitor, stimulates periosteal bone formation in monkeys. *Osteoporos Int.* 2012 Jan;23(1):339-49. PMID: 21380636.

Chappard D, Libouban H, Mindeholm L, et al. The cathepsin K inhibitor AAE581 induces morphological changes in osteoclasts of treated patients. *Microsc Res Tech.* 2010 Jul;73(7):726-32. PMID: 20025055.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.