

Acetyl-Calpastatin acetate Biochemical

Acetyl-Calpastatin (184-210)(human) acetate

CATALOG #
AAA229054

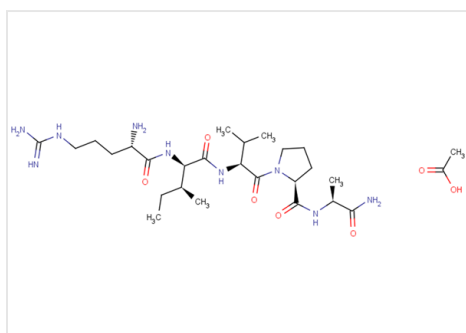
PRODUCT SYNONYMS

Acetyl-Calpastatin acetate; Acetyl-Calpastatin (184-210)(human) acetate; Acetyl-Calpastatin acetate biochemical

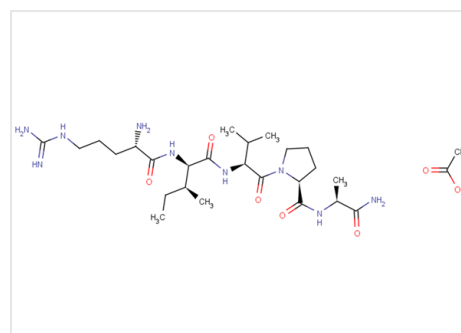
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Formula	C144H234N36O46S
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Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	Acetyl-Calpastatin (184-210human) acetate (peptide 1; 12.5-100 uM) inhibits calpains in LCLC 103H cells with an IC50 of 27 uM[1].
Preparation and Storage	Powder: -20 degree C for 3 yearsIn solvent: -80 degree C for 2 years

IMAGES



Structure
Dusquetide acetate, CAS T13667L1



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ADDITIONAL INFORMATION

Related Product Information for Acetyl-Calpastatin acetate biochemical	Acetyl-Calpastatin (184-210human) acetate is a potent, selective and reversible calpain inhibitor with Ki values of 0.2 nM and 6 uM for u-calpain and cathepsin L, respectively.
Product Categories/Family for Acetyl-Calpastatin acetate biochemical	Microbiology/Virology; Cysteine Protease
References	1. Kudrimoti M, et al. Dusquetide: A novel innate defense regulator demonstrating a significant and consistent reduction in the duration of oral mucositis in preclinical data and a randomized, placebo-controlled phase 2a clinical study. J Biotechnol. 2016 Dec 10;239:115-125.

NCBI AND UNIPROT INFORMATION

Molecular Weight	613.75
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/biochemical/acetyl-calpastatin-acetate/229054>