

P-113 acetate

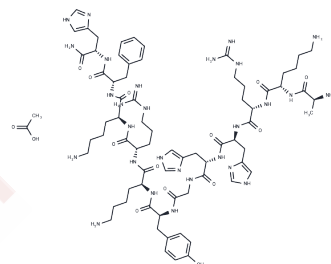
Chemical Properties

CAS No. :

Formula: C73H114N28O15

Molecular Weight: 1623.86

Storage: Keep away from moisture
Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.



Biological Description

Description	P-113 acetate is an antimicrobial peptide (AMP) derived from the human salivary protein histatin 5, shows good safety and efficacy profiles in gingivitis and human immunodeficiency virus (HIV) patients with oral candidiasis.
Targets(IC50)	HIV Protease,Antibacterial,Antibiotic
In vitro	P-113 acetate is active against clinically important microorganisms such as Pseudomonas spp., Staphylococcus spp., and C. albicans[1]. The MIC value of P-113 acetate against C. albicans is 3.13 µg/mL[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6158 mL	3.0791 mL	6.1582 mL
5 mM	0.1232 mL	0.6158 mL	1.2316 mL
10 mM	0.0616 mL	0.3079 mL	0.6158 mL
50 mM	0.0123 mL	0.0616 mL	0.1232 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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