

Human IgE Pentapeptide HEPP acetate

Chemical Properties

CAS No. :

Formula: C₂₄H₃₉N₈O₁₃

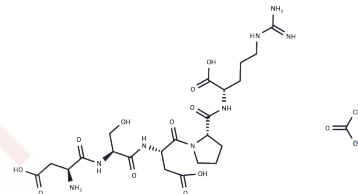
Molecular Weight: 647.61

Storage:

Store at low temperature, 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	Human IgE Pentapeptide HEPP acetate is a pentapeptide that does not produce IgE inhibition in several different systems and is used in the treatment of conjunctivitis.
Targets(IC50)	Others
In vivo	Pentigetide (1 mg ; four times daily)-treated patients showed a statistically significant greater reduction in the frequency (P = .004) and severity (P = .05) of total nasal symptom score (sneezing, nasal congestion, and rhinorrhea) and in the individual nasal symptom scores compared with placebo-treated patients.[1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5441 mL	7.7207 mL	15.4414 mL
5 mM	0.3088 mL	1.5441 mL	3.0883 mL
10 mM	0.1544 mL	0.7721 mL	1.5441 mL
50 mM	0.0309 mL	0.1544 mL	0.3088 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.

Reference

Kalpaxis JG, et al. Double-blind trial of pentigetide ophthalmic solution, 0.5%, compared with cromolyn sodium, 4%, ophthalmic solution for allergic conjunctivitis. *Ann Allergy*. 1991 ; 66(5):393-398.

Mansmann HC Jr, et al. Pentigetide nasal solution: a multicenter study evaluating efficacy and safety in patients with seasonal allergic rhinitis. *Ann Allergy*. 1991 ; 67(4):409-415.

Hamburger R N. Recent Studies with Human IgE Pentapeptide (HEPP)[M]//New Trends in Allergy. Berlin, Heidelberg: Springer Berlin Heidelberg. 1981: 311-319.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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