

CCP peptide acetate

Chemical Properties

CAS No. :

Formula: C89H149N41O34S2

Molecular Weight: 2401.52

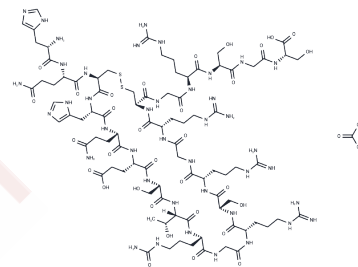
Storage:

Keep away from moisture, Store at low temperature,

Keep away from direct sunlight

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	CCP peptide acetate is a synthetic cyclic citrullinated peptide (CCP). CCP peptide acetate can be used as the substrate for detecting anti-CCP antibodies serologically. CCP peptide acetate functions as a target for autoantibodies with a very high specificity for rheumatoid arthritis (RA).
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4164 mL	2.082 mL	4.164 mL
5 mM	0.0833 mL	0.4164 mL	0.8328 mL
10 mM	0.0416 mL	0.2082 mL	0.4164 mL
50 mM	0.0083 mL	0.0416 mL	0.0833 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

Ebel AV, et al. Association of Agricultural, Occupational, and Military Inhalants With Autoantibodies and Disease Features in US Veterans With Rheumatoid Arthritis. *Arthritis Rheumatol.* 2021 Mar;73(3):392-400.

Figueiredo CP, et al. Antimodified protein antibody response pattern influences the risk for disease relapse in patients with rheumatoid arthritis tapering disease modifying antirheumatic drugs. *Ann Rheum Dis.* 2017 Feb;76(2):399-407.

Ji L, et al. Early prediction of rheumatoid arthritis by magnetic resonance imaging in the absence of anti-cyclic citrullinated peptide antibodies and radiographic erosions in undifferentiated inflammatory arthritis patients: a prospective study. *Int J Rheum Dis.* 2015 Nov;18(8):859-65.

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