

LEESGGGLVQPGGSMK acetate

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

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	LEESGGGLVQPGGSMK acetate is a proteolysis peptide found in Infliximab, a chimeric monoclonal IgG1 antibody. It serves as a component of Infliximab and can be employed for the quantitative analysis of this antibody. Infliximab is specifically designed to bind to TNF- α [1].
Targets(IC50)	TNF
In vitro	The anti-TNF antibodies blocking the action of TNF alpha revolutionized the therapy of TNF-related diseases such as Inflammatory Bowel Disease, lupus, ulcerative colitis, ankylosing spondylitis, psoriatic arthritis, and rheumatoid arthritis. The main anti-TNF antibodies currently authorized include Infliximab, Etanercept, Adalimumab, Certolizumab, and Golimumab[1].
In vivo	By neutralizing TNF activity, anti-TNF antibodies promote mucosal healing and induce long-term remissions in vivo.

Solubility Information

Solubility	H2O: 100 mg/mL, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Reference

Dorothee LEBERT, et al. A method for quantifying therapeutic antibodies. EP3371592A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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