

Data Sheet (Cat.No.T9921)

Infliximab

Chemical Properties

CAS No.:	170277-31-3
Formula:	N/A
Molecular Weight:	N/A
Appearance:	N/A
Storage:	store at -20°C

Biological Description

Description	Infliximab is a humanized antibody against tumor necrosis factor α (TNF- α) that is used in the treatment of Crohn's disease and rheumatoid arthritis.
Targets(IC ₅₀)	TNF- α : None
In vitro	To some of the polyclonally or antigen-specific-stimulated cell cultures, 1, 10 or 100 Ig/ml of infliximab (MSD, Whitehouse Station, NJ) was added at the time for T cell stimulation or 48 h after T cell stimulation. Consecutive cell culture supernatants were collected and stored every 24 h or at the end of the cell culture. The T cell proliferation was measured at the end of cell culture by pulsing the cells with 0.5 ICi of [3H] thymidine/well (Amersham, Arlington Heights) for the last 8 h, and the incorporated radioactivity was analysed using a scintillation counter.

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Dahlén R, et al. Infliximab inhibits activation and effector functions of peripheral blood T cells in vitro from patients with clinically active ulcerative colitis. *Scand J Immunol.* 2013 Sep;78(3):275-84.

Inhibitors · Natural Compounds · Compound Libraries

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