

Alemtuzumab

Chemical Properties

CAS No.:	216503-57-0
Formula:	N/A
Molecular Weight:	N/A
Appearance:	N/A
Storage:	store at -20°C

Biological Description

Description	Alemtuzumab is a humanized monoclonal antibody against CD52 an antigen found on the surface of normal and malignant lymphocytes.
Targets(IC ₅₀)	CD52: None
In vivo	A more recent study in huCD52 mice demonstrated preserved function of residual immune cells after alemtuzumab treatment. Cell proliferation and cytokine production of T cells, T cell receptor repertoire, in vitro and in vivo innate immune cell responses were unchanged compared to sham-treated mice. In vitro and in vivo T and B cell responses were restored before cell counts returned to baseline.

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. Ruck T, et al. Alemtuzumab in Multiple Sclerosis: Mechanism of Action and Beyond. Int J Mol Sci. 2015 Jul 20;16(7):16414-39.

Inhibitors · Natural Compounds · Compound Libraries

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Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481