

Siltuximab

Chemical Properties

CAS No. : 541502-14-1
Formula:
Molecular Weight:
Appearance: no data available
Storage: store at low temperature
store at -80°C

Biological Description

Description	Siltuximab (CNTO-328) is a monoclonal antibody with anti-tumor activity targeting IL-6 for the study of giant lymph node hyperplasia (MCD) and COVID-19.
Targets(IC50)	IL Receptor
In vivo	In xenograft mouse models, Siltuximab, when administered through intraperitoneal injection at a dosage of 10 mg/kg three times per week, inhibits the growth of lung cancer cells[1]. Furthermore, in a xenograft model, the growth of MCF-7 tumors is inhibited by Siltuximab with intraperitoneal injections at a dose of 20 mg/kg twice per week for 6 weeks[3].

Reference

Karkera J, et al. The anti-interleukin-6 antibody siltuximab down-regulates genes implicated in tumorigenesis in prostate cancer patients from a phase I study. Prostate. 2011 Sep 15;71(13):1455-65.

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