

Figitumumab

Chemical Properties

CAS No. : 943453-46-1

Formula:

Molecular Weight:

Storage: Store at low temperature
-20°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Figitumumab (CP-751871) is a highly potent, fully human monoclonal antibody of the IgG2 isotype that specifically targets the insulin-like growth factor 1 receptor (IGF1R). It functions by competitively inhibiting the binding of IGF1 to its receptor with a IC50 of 1.8 nM. Figitumumab can be used in studies about advanced squamous cell carcinoma of the lung.
Targets(IC50)	IGF-1R
In vitro	Figitumumab (CP-751871) (152 pM-10 µM, 3 days) can inhibit cancer cell proliferation. [1]

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