

Catalog Number: CM20658

产品信息

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CAS No.: 905703-97-1

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分子式:

主要靶点:
IGF-1R

主要通路:
蛋白酪氨酸激酶

体外活性

Ganitumab (AMG 479; 0.032-500 nM; 10 minutes; cT26 cells) binds to mIGF1R and inhibits the activation of mIGF1R mediated by IGF1 and IGF2[1].

体内活性

In naive and tumor-bearing mice, ganitumab (AMG 479; 1 mg/dose; i.p.) inhibited IGF1-induced activation of mIGF1R in mouse lung[1]. In female thymusless nude mice, ganitumab (300 μ g/dose; i.p.) reduced peripheral blood neutrophils[1]. In male athymic nude mice, ganitumab (300 μ g/dose; i.p.) resulted in impaired glucose tolerance and increased serum mGH, mIGF1, and mIGFBP3[1].

描述

Ganitumab (AMG 479) is a highly potent monoclonal antibody to type 1 insulin-like growth factor receptor (IGF1R). Ganitumab is recognized to bind to IGF1R at low concentration with KD value of 0.22 nM. Ganitumab can inhibit the interaction of IGF1R with IGF1 and IGF2 in mice. Ganitumab can be used to study cancer.

储存