

Product Data Sheet

Product Name: Dalotuzumab

Cat. No.: GC26322

Chemical Properties

Cas. No. 1005389-60-5

Formula M.Wt 146.4 (kDa)

Solubility Storage

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

Dalotuzumab (MK-0646) is a recombinant humanized monoclonal antibody (IgG1 type) targeting IGF-1R. Dalotuzumab works by inhibiting IGF-1 and IGF-2 mediated tumor cell proliferation, IGF-1R autophosphorylation, and Akt phosphorylation. Dalotuzumab can also induce cell apoptosis and cycle arrest. Dalotuzumab can enhance its in vitro and in vivo anti-tumor activity when used in combination with other anticancer active molecules, such as statin like molecules.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA