

## Product Data Sheet

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Product Name: Vantictumab

Cat. No.: GC74579

### Chemical Properties

Cas. No. 1345009-45-1

Formula M.Wt 142.69kDa

Solubility Storage Store at -20°C

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

# Vantictumab

### Background

Vantictumab (OMP-18R5) is a fully human IgG2 monoclonal antibody. Vantictumab inhibits Wnt pathway signaling by binding to FZD1/2/5/7/8 receptors. Vantictumab is being studied against cancers such as metastatic HER2-negative breast cancer and metastatic pancreatic adenocarcinoma.

### References:

[1]. Davis SL, et al. A phase 1b dose escalation study of Wnt pathway inhibitor vantictumab in combination with nab-paclitaxel and gemcitabine in patients with previously untreated metastatic

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

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pancreatic cancer. Invest New Drugs. 2020 Jun;38(3):821-830.

[2]. Diamond JR, et al. Phase Ib clinical trial of the anti-frizzled antibody vantictumab (OMP-18R5) plus paclitaxel in patients with locally advanced or metastatic HER2-negative breast cancer. Breast Cancer Res Treat. 2020 Nov;184(1):53-62.

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