# Product Data Sheet

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

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.