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**Product Data Sheet**

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Product Name: Monalizumab

Cat. No.: GC65435

**Chemical Properties**

Cas. No. 1228763-95-8

Formula M.Wt

Solubility Soluble in water 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 **Background**

Monalizumab is a first-in-class immune checkpoint inhibitor targeting Natural Killer Group 2A (NKG2A). Monalizumab, a humanized anti-NKG2A blocking mAb, increases IFN- $\gamma$  production, thereby promoting NK cell effector functions. Monalizumab can be used for the research of head and neck squamous cell carcinoma (HNSCC)[1][2].

[1]. Thorbald van Hall, et al. Monalizumab: inhibiting the novel immune checkpoint NKG2A. J Immunother Cancer. 2019 Oct 17;7(1):263.

[2]. Christian Borel, et al. Immunotherapy Breakthroughs in the Treatment of Recurrent or Metastatic Head and Neck Squamous Cell Carcinoma. Cancers (Basel). 2020 Sep 21;12(9):2691.

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

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