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**Product Data Sheet**

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Product Name: Benralizumab

Cat. No.: GC39346

**Chemical Properties**

Cas. No. 1044511-01-4

SMILES [Benralizumab]

Formula M.Wt

Solubility Soluble in DMSO Storage Store at 4°C, do not freeze

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**

Benralizumab (MEDI-563) is an interleukin-5 receptor  $\alpha$  (IL-5R $\alpha$ )-directed cytolytic monoclonal antibody that induces direct, rapid and nearly complete depletion of eosinophils via enhanced antibody-dependent cell-mediated cytotoxicity. Benralizumab can be used for severe eosinophilic asthma[1].

[1]. Menzies-Gow A, et al. Corticosteroid tapering with benralizumab treatment for eosinophilic asthma: PONENTE Trial. ERJ Open Res. 2019 Sep 25;5(3). pii: 00009-2019.

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

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