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## Product Data Sheet

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Product Name: Tusamitamab

Cat. No.: GC68358

### Chemical Properties

Cas. No. 2349294-95-5

Formula M.Wt

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

### Background

Tusamitamab is an IgG1 monoclonal antibody that targets **CEACAM5**. Tusamitamab can be used to synthesize Tusamitamab ravtansine (SAR408701), which is a first-in-class humanized antibody-drug conjugate (ADC) that combines Tusamitamab and DM4 (a potent maytansine derivative)<sup>[1]</sup>.

[1]. Clemence Pouzin, et al. Covariate analysis of tusamitamab ravtansine, a DM4 anti-CEACAM5 antibody-drug conjugate, based on first-in-human study. CPT Pharmacometrics Syst Pharmacol. 2022 Mar;11(3):384-394.

**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