Product Data Sheet

Product Name: Izeltabart
Cat. No.: GC26472

Chemical Properties

Cas. No.	2642078-60-0		
Formula		M.Wt	147.4 kDa
Solubility		Storage	Store at -80°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			

Izeltabart

Background

Izeltabart is a high-affinity humanized antibody targeting ADAM9. Izeltabart can be used as ADC Antibody for site-specific conjugation with Maytansinoid-based DM21-C (a Drug-Linker Conjugates for ADC), to synthesize IMGC936 (Antibody-Drug Conjugates (ADCs)) with strong anti-cancer activity. DM21-C is composed of Maytansinoid (microtubule inhibitor) and a stable tripeptide linker. IMGC936 exhibits cytotoxicity against ADAM9-positive human tumor cell lines and potent antitumor activity in xenograft tumor models[1].

References:

Caution: Product has not been fully validated for medical applications. For research use only.
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[1]. Juniper A Scribner, et al. Preclinical Evaluation of IMGC936, a Next-Generation Maytansinoid-based Antibody-drug Conjugate Targeting ADAM9-expressing Tumors. Mol Cancer Ther. 2022 Jul 5;21(7):1047-1059.