
Product Data Sheet

Product Name: Envafolimab

Cat. No.: GC66344

Chemical Properties

Cas. No. 2102192-68-5

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

Envafolimab (ASC 22; KN 035) is a recombinant protein of a humanized single-domain anti- **PD-L1** antibody. Envafolimab is created by a fusion of the of anti-PD-L1 domain with Fc fragment of human IgG1 antibody. Envafolimab blocks interaction between PD-L1 and PD-1 with an **IC₅₀** value of 5.25 nm. Envafolimab shows antitumor activity.

Envafolimab has the potential for the research of solid tumors^{[1][2][3]}.

Envafolimab (0-2.51 nM) induces T-cell cytokine (IFN-γ) production in a dose- and time-dependent manner^[3].

Envafolimab (0.18-0.92 mg/kg; i.p.; four times over 2 weeks) shows antitumor activity with a half-life of ~72 h in NOD-SCID mice (A375 cells)^[3].

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