
Product Data Sheet

Product Name: PD-1/PD-L1-IN-13

Cat. No.: GC69673

Chemical Properties

Cas. No.

Formula C₃₆H₃₄ClF₂N₃O₉

M.Wt 726.12

Solubility DMSO : 150 mg/mL (206.58 mM; Need ultrasonic) 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

PD-1/PD-L1-IN-13 (Compound 43) is a potent immune checkpoint **PD-1/PD-L1** inhibitor with an **IC₅₀** value of 10.2 nM. PD-1/PD-L1-IN-13 promotes CD8⁺ T cell activation and delays the tumor growth in the Hepa1-6 syngeneic mouse model^[1].

[1]. Song Z, et al. Design, Synthesis, and Pharmacological Evaluation of Biaryl-Containing PD-1/PD-L1 Interaction Inhibitors Bearing a Unique Difluoromethyleneoxy Linkage. J Med Chem. 2021;64(22):16687-16702.

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