

Product Data Sheet

Product Name: PD-1-IN-24

Cat. No.: GC63517

Chemical Properties

Cas. No. 2360909-50-6

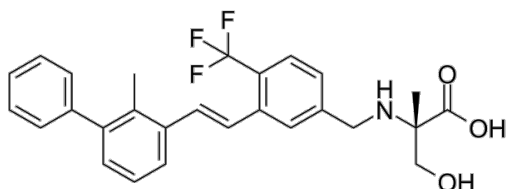
Formula $C_{27}H_{26}F_3NO_3$ M.Wt 469.5

Solubility DMSO : 100 mg/mL (212.99 mM; ultrasonic and warming and heat to 60°C) Storage Store at -20°C, sealed storage, away from moisture and light

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-IN-24 (compound 1) is an orally active PD-1 inhibitor[1].

PD-1-IN-24 (compound 1, 15mg/kg, PO, BID) exhibits TGI(%) of 19.96% in the subcutaneous 4T1 murine breast cancer model in BALB/c mice[1]. PD-1-IN-24 (compound 1, 15mg/kg, PO, BID) dose-dependently inhibits tumor growth in the BL6F10 models with TGI% of 35.59% (30 mg/kg), 38.87% (60 mg/kg) and 47.35% (120 mg/kg), respectively[1].

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

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[1]. Wang, Yuguang, et al. Combination of small molecule inhibitor of the PD-1/PD-L1 interaction and anti-PD-1 antibody for treatment of cancer. Patent WO 2021052386.

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