
Product Data Sheet

Product Name: (D)-PPA 1

Cat. No.: GC50482

Chemical Properties

Cas. No. 1620813-53-7

Formula C₇₀H₉₈N₂₀O₂₁ M.Wt 1555.67

Solubility Soluble in DMSO 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 interaction inhibitor. Binds to PD-L1 (K_d = 0.51 μM). Inhibits interaction at 1 mg/mL in flow cytometry. Inhibits tumor growth and prolongs survival time of mice in vivo.

Chang et al (2015) Blocking of the PD-1/PD-L1 interaction by a D-peptide antagonist for cancer immunotherapy. Angew Chem.Int.Ed.Engl. 54 11760 PMID:26259671

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

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