
Product Data Sheet

Product Name: CMD178
Cat. No.: GC34238

Chemical Properties

Cas. No.

Formula C₄₆H₅₉N₉O₇ M.Wt 850.03

Solubility Soluble in Water 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

CMD178 is a lead peptide that consistently reduced the expression of Foxp3 and STAT5 induced by IL-2/s IL-2R α signaling. CMD178 also is an inhibitor of STAT5 and inhibit Treg cell development[1].

[1]. Price-Troska T, et al. Inhibiting IL-2 signaling and the regulatory T-cell pathway using computationally designed peptides. Invest New Drugs. 2018 Apr 26.

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

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