
Product Data Sheet

Product Name: TL8-506
Cat. No.: GC70034

Chemical Properties

Cas. No. 1268163-15-0

Formula $C_{20}H_{17}N_3O_2$ M.Wt 331.37

Solubility DMSO : 12.5 mg/mL (37.72 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

TL8-506 is a specific **TLR8** agonist with an **EC₅₀** of 30 nM. TL8-506 can be used for the research of tuberculosis and autoimmune diseases^[1].

[1]. Jun Tang, et al. Toll-Like Receptor 8 Agonist Strengthens the Protective Efficacy of ESAT-6 Immunization to Mycobacterium tuberculosis Infection. Front Immunol. 2018 Jan 24;8:1972.

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

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