
Product Data Sheet

Product Name: SARS-CoV-2-IN-14

Cat. No.: GC69860

Chemical Properties

Cas. No. 22203-98-1

Formula $C_{13}H_9Cl_2NO_2$

M.Wt 282.12

Solubility DMSO : 250 mg/mL (886.15 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

SARS-CoV-2-IN-14 (compound 6) is a potent inhibitor of **SARS-CoV-2** with an **IC₅₀** of 0.39 μM. SARS-CoV-2-IN-14 is a niclosamide analogue. SARS-CoV-2-IN-14 contains higher stability in human plasma and liver S9 enzymes assay than niclosamide, which can improve bioavailability and half-life when administered orally^[1].

[1]. Juang YP, et al. Design, synthesis and biological evaluations of niclosamide analogues against SARS-CoV-2. Eur J Med Chem. 2022 May 5;235:114295.

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

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