
Product Data Sheet

Product Name: SARS-CoV-2-IN-13

Cat. No.: GC67793

Chemical Properties

Cas. No. 56961-10-5

Formula $C_{13}H_8Cl_2N_2O_4$

M.Wt 327.12

Solubility DMSO : ≥ 125 mg/mL (382.12 mM)

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-13 (compound 5) is a potent inhibitor of **SARS-CoV-2** with an **IC₅₀** of 0.057 μ M. SARS-CoV-2-IN-13 is a niclosamide analogue. SARS-CoV-2-IN-13 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.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA