

Product Data Sheet

Product Name: Ethyl 4-chloro-2-oxo-1,2-dihydroquinoline-3-carboxylate

Cat. No.: GC78911

Chemical Properties

Cas. No. 99429-64-8

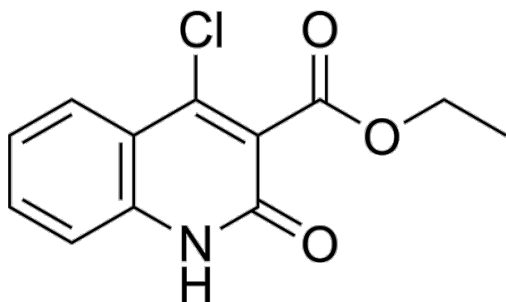
Formula $C_{12}H_{10}ClNO_3$ M.Wt 251.67

Solubility 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

Ethyl 4-chloro-2-oxo-1,2-dihydroquinoline-3-carboxylate is a quinoline compound that targets the angiotensin-converting enzyme ACE2 receptor and exhibits anti-SARS-CoV-2 activity. Ethyl 4-chloro-2-oxo-1,2-dihydroquinoline-3-carboxylate blocks the binding of SARS-CoV-2 to host cells and is used in research on coronavirus disease 2019 (COVID-19) [1].

References:

[1]. Xuechuan H, et al. A kind of quinoline compound targeting angiotensin-converting enzyme 2 receptor and its preparation method and application. CN117003697A. 2023-07-04.

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

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