

Product Data Sheet

Product Name: NITD-2
Cat. No.: GC64559

Chemical Properties

Cas. No. 1197896-79-9

Formula C₂₃H₁₉N₃O₄S

M.Wt 433.48

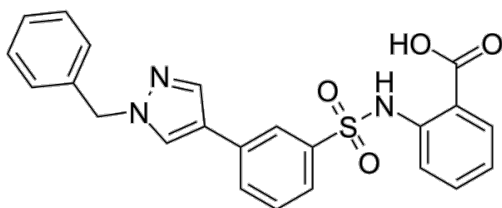
Solubility

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

NITD-2, a dengue virus (DENV) polymerase inhibitor, inhibits the DENV RdRp-mediated RNA elongation. NITD-2 penetrates cell membrane poorly[1].

NITD-2 inhibits de novo RNA synthesis[1]. NITD-2 exhibited no antiviral activity in cell culture resulted from the poor cell penetration[1].

[1]. Pornwaratt Niyomrattanakit, et al. Inhibition of dengue virus polymerase by blocking of the RNA tunnel. J Virol. 2010 Jun;84(11):5678-86.

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

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