

Product Data Sheet

Product Name: JTK-109

Cat. No.: GC71540

Chemical Properties

Cas. No. 480462-62-2

Formula $C_{37}H_{33}ClFN_3O_4$

M.Wt 638.13

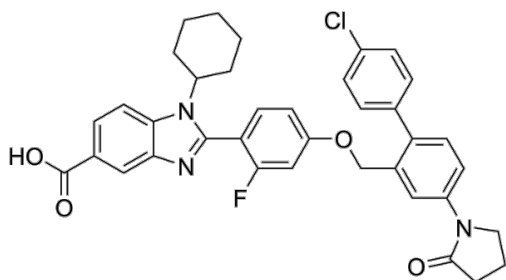
Solubility

Storage

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

JTK-109 is a potent inhibitor of hepatitis C virus NS5B RNA-dependent RNA polymerase. JTK-109 has NS5B inhibitory activity with IC₅₀ value of 0.017 μM. JTK-109 can be used for the research of hepatitis C virus (HCV).

References:

[1]. Hirashima S, et al. Further studies on hepatitis C virus NS5B RNA-dependent RNA polymerase inhibitors toward improved replicon cell activities: benzimidazole and structurally related compounds bearing the 2-morpholinophenyl moiety. *Bioorg Med Chem Lett.* 2007 Jun 1;17(11):3181-6.

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

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