

Product Data Sheet

Product Name: SARS-CoV-2-IN-41

Cat. No.: GC71308

Chemical Properties

Cas. No. 2920904-06-7

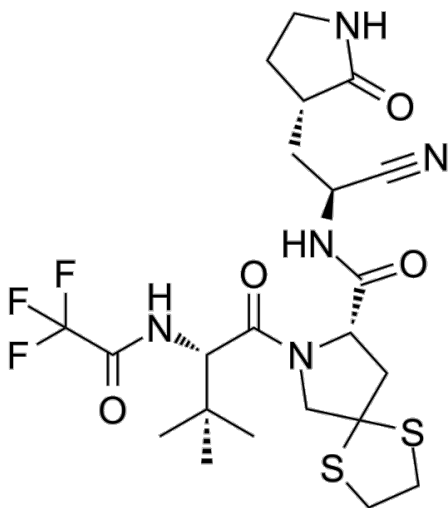
Formula $C_{22}H_{30}F_3N_5O_4S_2$ M.Wt 549.63

Solubility DMSO : 100 mg/mL (181.94 mM); Storage -20°C
Need ultrasonic; Hygroscopic DMSO has a significant impact on the solubility of product, please use newly opened DMSO)

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-41 (compound 2) is a potent SARS-CoV-2 3CLpro inhibitor with an IC₅₀ value of 0.022 μM. SARS-CoV-2-IN-41 shows antiviral effect.

SARS-CoV-2-IN-41 (50, 200 mg/kg; i.p.) antiviral effect in SARS-CoV-2 infected mice [1].

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

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References:

[1]. XiangRui et al. Cyano compound, and preparation method therefor and use thereof.
WO2023051657A1.

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