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**Product Data Sheet**

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Product Name: NK01-63  
Cat. No.: GC25671

**Chemical Properties**

Cas. No.

Formula C<sub>22</sub>H<sub>29</sub>F<sub>3</sub>N<sub>3</sub>NaO<sub>8</sub>S M.Wt 575.53

Solubility DMSO: 100 mg/mL (173.75 mM);Water: 100 mg/mL (173.75 mM);Ethanol: 100 mg/mL (173.75 mM) Store  
Storage 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**

NK01-63 (Coronastat) is a potent inhibitor of the SARS-CoV-2 3CL protease, which is a critical drug target for small molecule COVID-19, given its likely druggability and essentiality in the viral maturation and replication cycle.

[1] Liu H, et al. Nat Commun. 2022 Apr 7;13(1):1891.

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

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