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## Product Data Sheet

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Product Name: (+)-JNJ-A07

Cat. No.: GC64207

### Chemical Properties

Cas. No. 2135640-93-4

Formula C<sub>28</sub>H<sub>26</sub>ClF<sub>3</sub>N<sub>2</sub>O<sub>6</sub>

M.Wt 578.96

Solubility DMSO : 100 mg/mL (172.72 mM; Need ultrasonic) 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

(+)-JNJ-A07 is a highly potent, orally active pan-serotype dengue virus inhibitor targeting the NS3-NS4B interaction. (+)-JNJ-A07 exerts nanomolar to picomolar activity against a panel of 21 clinical isolates. (+)-JNJ-A07 has a favourable pharmacokinetic profile that results in outstanding efficacy against dengue virus infection in mouse infection models[1].

(+)-JNJ-A07 has a high barrier to resistance and prevents the formation of the viral replication complex by blocking the interaction between two viral proteins (NS3 and NS4B)[1].

[1]. Kaptein SJF, et al. A pan-serotype dengue virus inhibitor targeting the NS3-NS4B interaction [published correction appears in Nature. 2021 Nov;599(7883):E2]. Nature. 2021;598(7881):504-509.

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

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