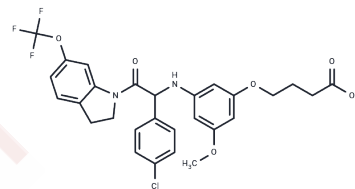


(-)-JNJ-A07

## Chemical Properties

CAS No. : 2135640-92-3  
 Formula: C<sub>28</sub>H<sub>26</sub>ClF<sub>3</sub>N<sub>2</sub>O<sub>6</sub>  
 Molecular Weight: 578.96  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
 Actual storage temperature shall be subject to the COA.



## Biological Description

Description	(-)-JNJ-A07 is a selective and potent dengue virus (DENV) inhibitor with an EC <sub>50</sub> of 31 nM, exhibiting significant antiviral activity for the study of dengue virus infections.
Targets(IC <sub>50</sub> )	Anti-infection,Others

## Solubility Information

Solubility	DMSO: 80 mg/mL (138.18 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 3.3 mg/mL (5.7 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7272 mL	8.6362 mL	17.2724 mL
5 mM	0.3454 mL	1.7272 mL	3.4545 mL
10 mM	0.1727 mL	0.8636 mL	1.7272 mL
50 mM	0.0345 mL	0.1727 mL	0.3454 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Bart Rudolf Romanie Kesteley, et al. Substituted indoline derivatives as dengue viral replication inhibitors. WO2017167951 (compound 4A).

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