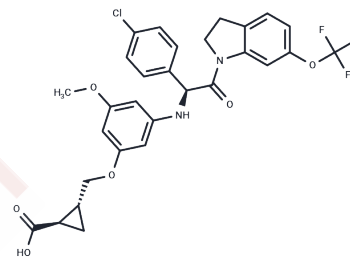


## DENV-IN-2

## Chemical Properties

CAS No. :	2253675-62-4
Formula:	C <sub>29</sub> H <sub>26</sub> ClF <sub>3</sub> N <sub>2</sub> O <sub>6</sub>
Molecular Weight:	590.98
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	DENV-IN-2 is a highly effective inhibitor of dengue viral replication with a potency indicated by an EC 50 of 0.016 nM. It exhibits significant activity against all four serotypes of the Dengue virus, with EC 50 values ranging from 0.013 to 0.029 nM.
Targets(IC50)	Anti-infection,Others,DNA/RNA Synthesis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6921 mL	8.4605 mL	16.921 mL
5 mM	0.3384 mL	1.6921 mL	3.3842 mL
10 mM	0.1692 mL	0.8461 mL	1.6921 mL
50 mM	0.0338 mL	0.1692 mL	0.3384 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

Jean-François BONFANTI, et al. Substituted indoline derivatives as dengue viral replication inhibitors. WO2018215315A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481