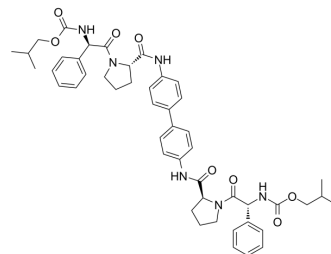


## HCV-IN-41

Cat. No.:	HY-147885
CAS No.:	2468169-71-1
Molecular Formula:	C <sub>48</sub> H <sub>56</sub> N <sub>6</sub> O <sub>8</sub>
Molecular Weight:	844.99
Target:	HCV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	HCV-IN-41 (compound 4) is a highly potent hepatitis C virus (HCV) inhibitor with an EC <sub>50</sub> value of 0.006762 nM, 5.183 nM, 1.365 nM and 142.2 nM for HCV genotype 1b, 2a, 3a and 4a, respectively. HCV-IN-41 reduces HCV RNA replication <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 0.006762 nM (HCV 1b), 5.183 nM (HCV 2a), 1.365 nM (HCV 3a), 142.2 nM (HCV 4a) <sup>[1]</sup>

### REFERENCES

[1]. Abdel Karim SE, et al. Symmetric benzidine derivatives as anti-HCV agents: Insight into the nature, stereochemistry of the capping amino acid and the size of the terminal capping carbamates. *Bioorg Chem.* 2020 Sep;102:104089.

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

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