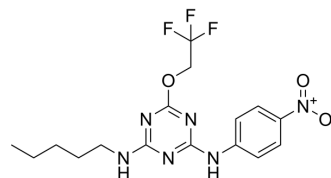


## HCV-IN-45

Cat. No.:	HY-118932
CAS No.:	301211-35-8
Molecular Formula:	C <sub>16</sub> H <sub>19</sub> F <sub>3</sub> N <sub>6</sub> O <sub>3</sub>
Molecular Weight:	400.36
Target:	HCV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

HCV-IN-45 (Compound EI-1) is an inhibitor for hepatitis C virus (HCV), that inhibits 1a and 1b HCV pseudoparticles with EC<sub>50</sub> of 0.134 and 0.027 μM. HCV-IN-45 inhibits 1a/2a and 1b/2a cell culture-adapted HCV (HCVcc), with EC<sub>50</sub> of 0.024 and 0.012 μM. HCV-IN-45 inhibits the entry of the virus into hepatocyte, and blocks the cell-cell spread<sup>[1]</sup>.

## REFERENCES

[1]. Baldick CJ, et al., A novel small molecule inhibitor of hepatitis C virus entry. PLoS Pathog. 2010 Sep 2;6(9):e1001086.

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

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