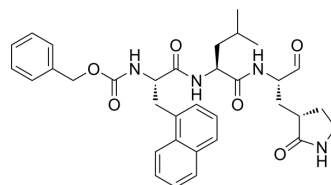


## NPI52

Cat. No.:	HY-161352
CAS No.:	1429218-68-7
Molecular Formula:	C <sub>34</sub> H <sub>40</sub> N <sub>4</sub> O <sub>6</sub>
Molecular Weight:	600.7
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	NPI52 (Compound E1) is a foot-and-mouth disease virus 3C protease (FMDV 3Cpro) inhibitor, with IC <sub>50</sub> values of 0.05 and 0.11 μM in FRET and cell-based assay, respectively <sup>[1]</sup> .
IC <sub>50</sub> & Target	Foot-and-mouth Disease Virus 3C Protease (FMDV 3Cpro) <sup>[1]</sup>

### REFERENCES

[1]. Kim Y, et al. Potent small molecule inhibitors against the 3C protease of foot-and-mouth disease virus. Microbiol Spectr. 2024 Mar 11:e0337223.

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

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