

Supplementary materials for

Novel tetrahydroisoquinoline based heterocyclic compounds efficiently inhibit SARS-CoV-2 infection in vitro

Xi Wang ^{1,†}, Nikola T. Burdzhiev ^{2,†}, Hengrui Hu ¹, Yufeng Li ¹, Jiang Li ¹, Vesela V. Lozanova ³,
Meglena I. Kandinska ^{2,*} and Manli Wang ^{1,4,*}

¹ Center for Biosafety Mega-Science, Wuhan Institute of Virology, Chinese Academy of Sciences, 430071 Wuhan, China

² Sofia University "St. Kliment Ohridski", Faculty of Chemistry and Pharmacy, 1, James Bourchier avenue; 1164 Sofia, Bulgaria

³ Department of Medical Chemistry and Biochemistry, Medical Faculty, Medical University-Sofia, 2 Zdrave Str., 1431 Sofia, Bulgaria

⁴ Hubei Jiangxia Laboratory, 430071 Wuhan, China

* Correspondence: ohmk@chem.uni-sofia.bg (M.I.K); wangml@wh.iov.cn (M.W)

† These authors contributed equally to this work.

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Spectra of *tert*-butyl *rel*-4-(((3*R*,4*S*)-3-(1*H*-indol-3-yl)-1-oxo-2-propyl-1,2,3,4-tetrahydroisoquinolin-4-yl)methyl)piperazine-1-carboxylate (**1**)

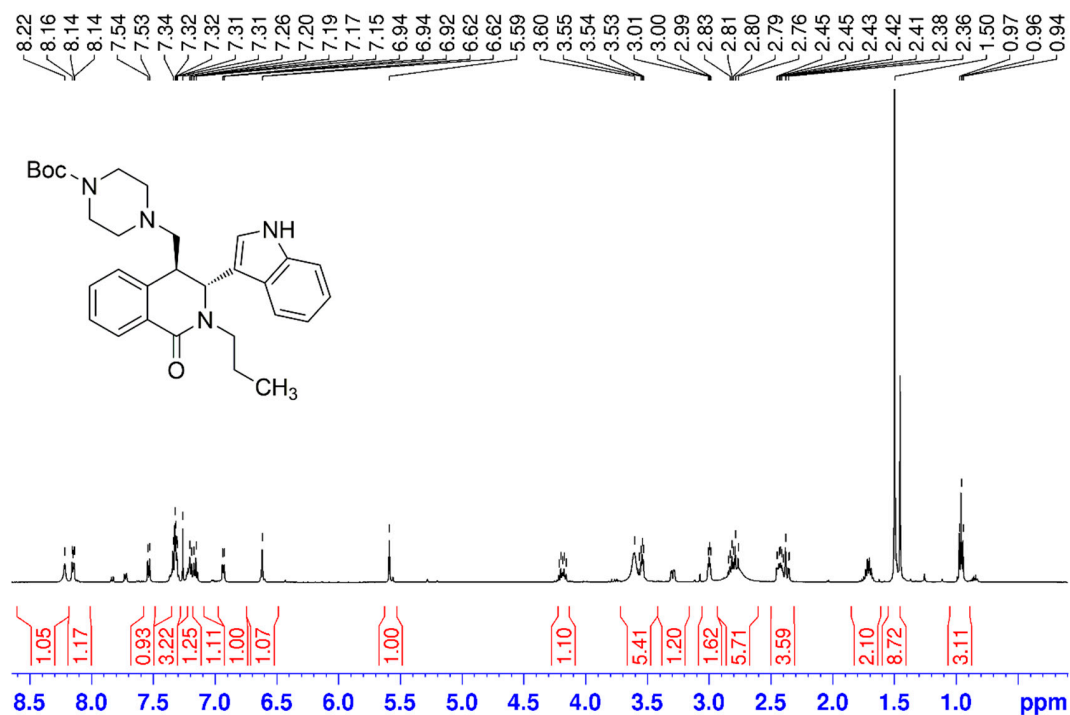


Figure S1. ¹H NMR (DMSO-*d*₆) of compound *trans*-**1** at 298 K.

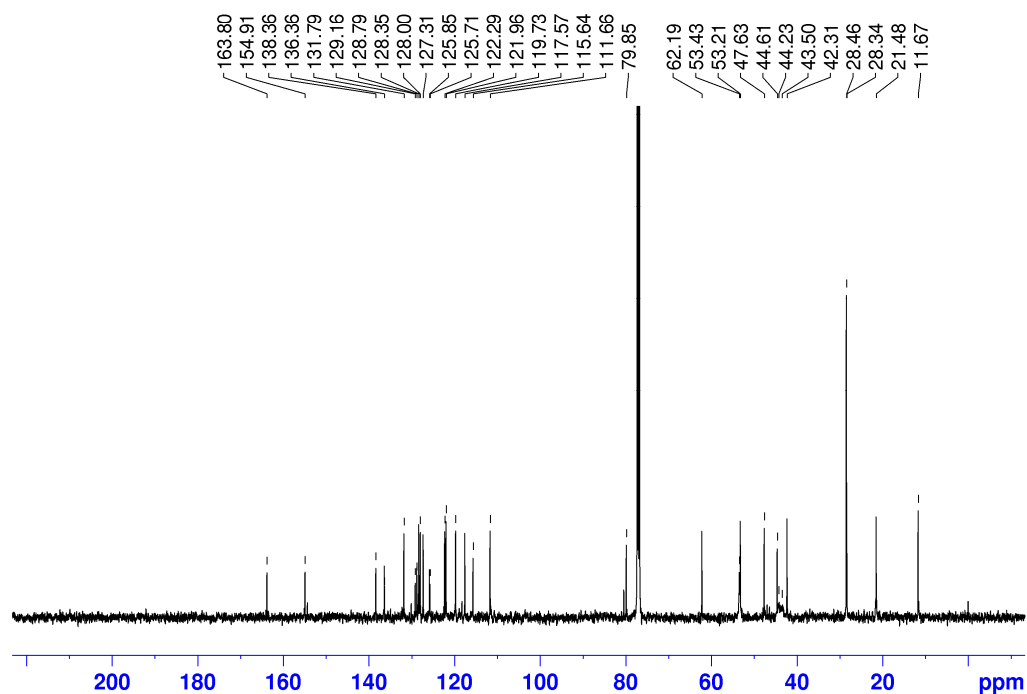
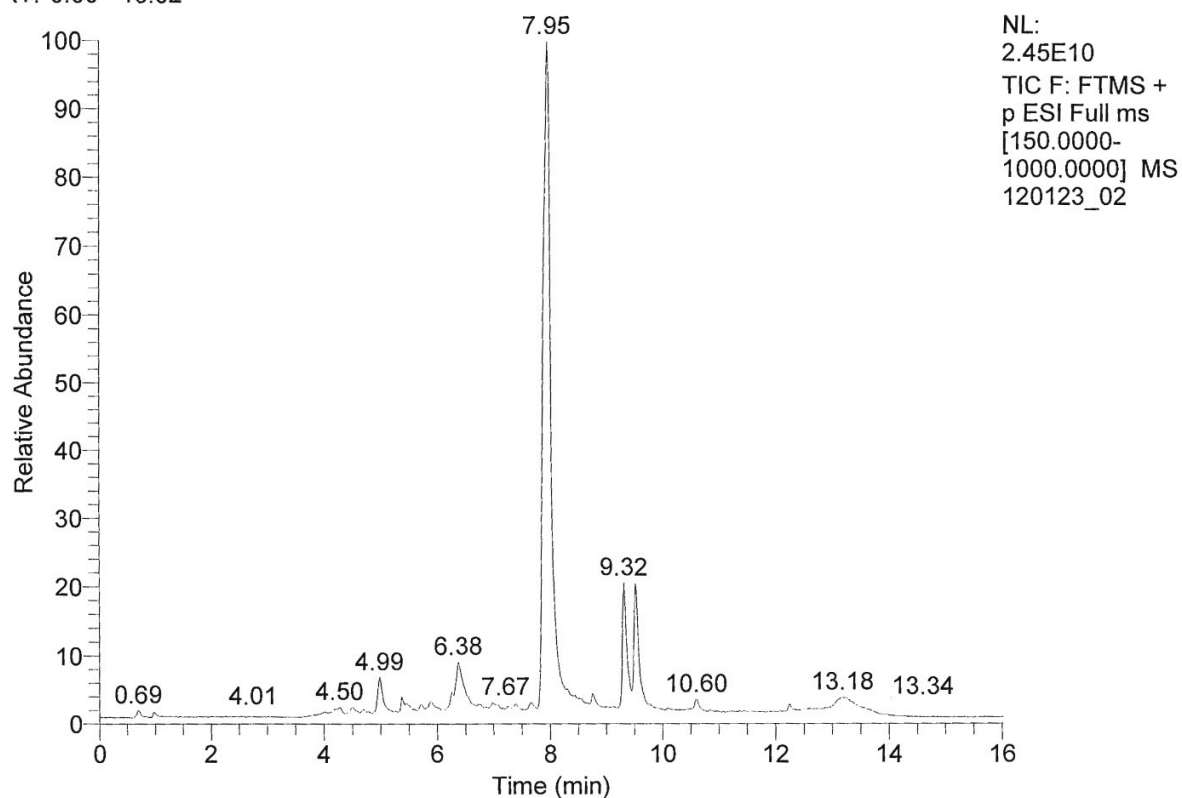


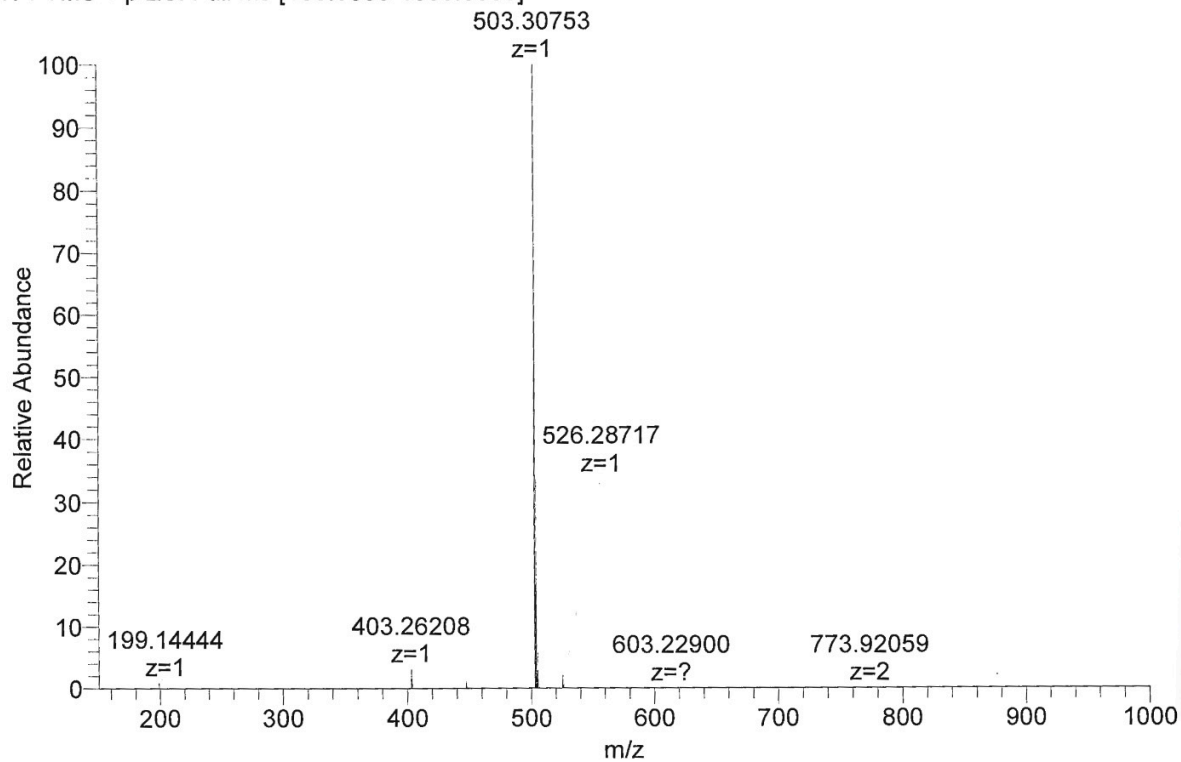
Figure S2. ¹³C NMR (DMSO-*d*₆) of compound *trans*-**1** at 298 K.

RT: 0.00 - 16.02

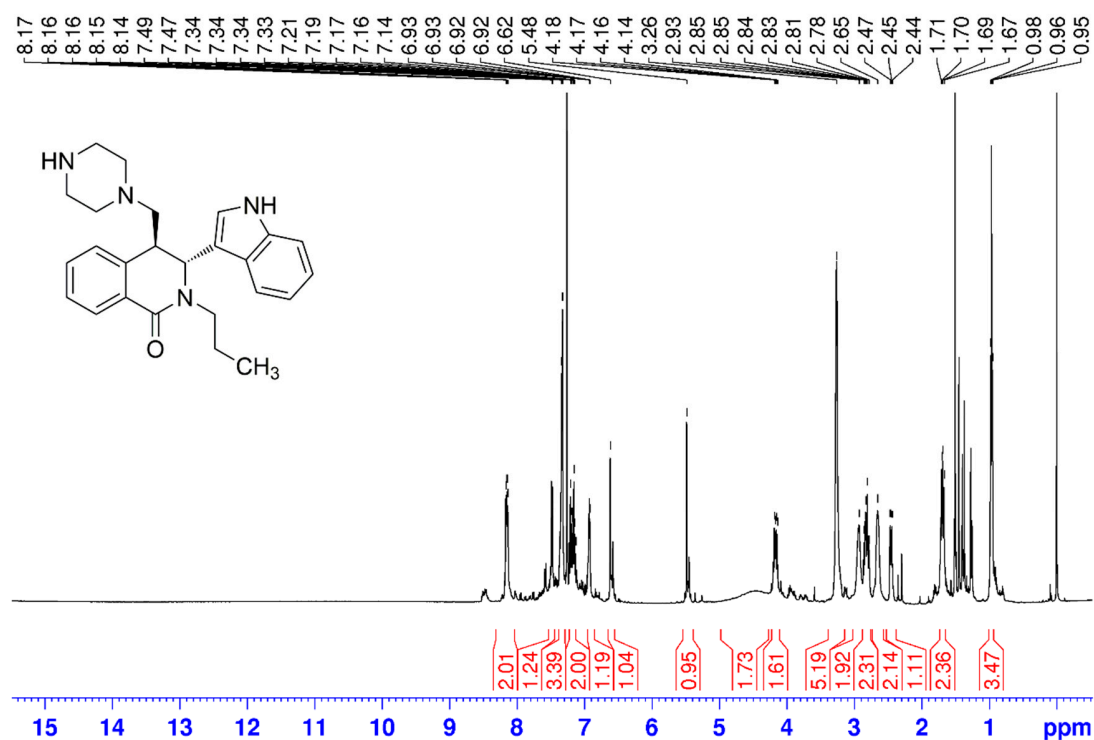


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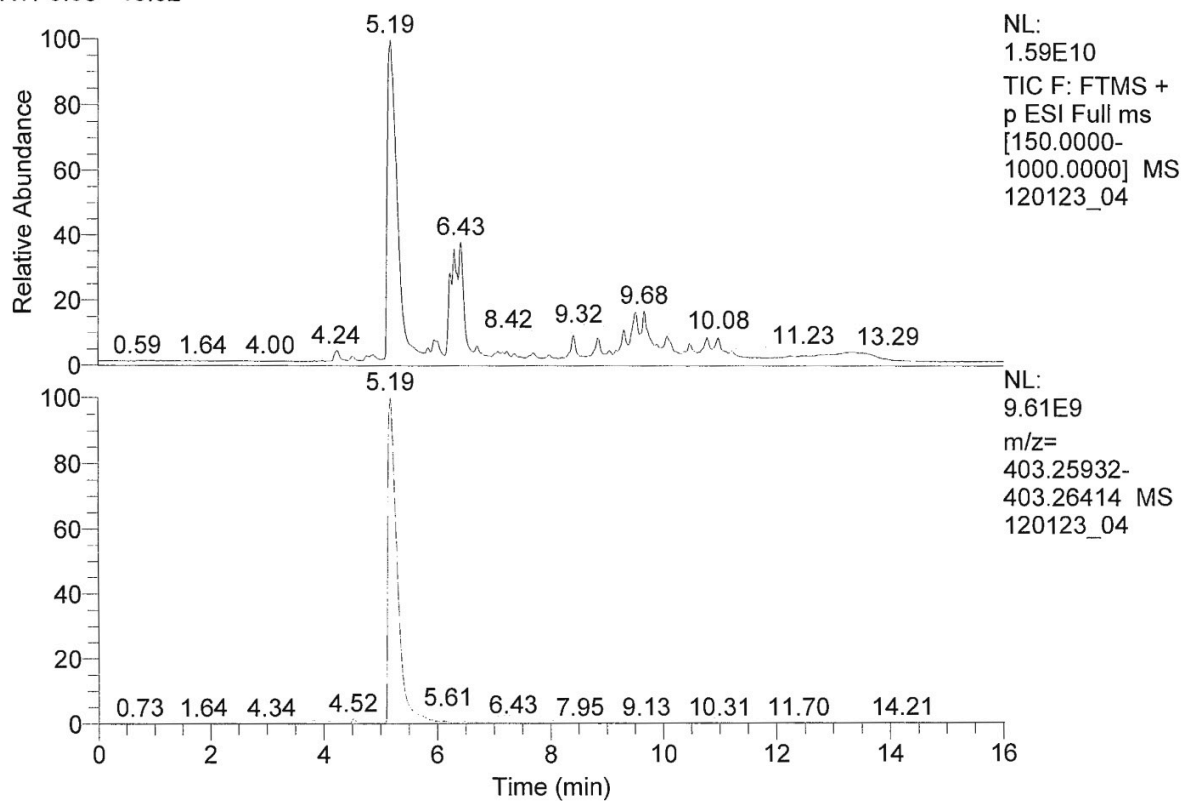
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Figure S3. HRMS spectrum of compound *trans*-1.

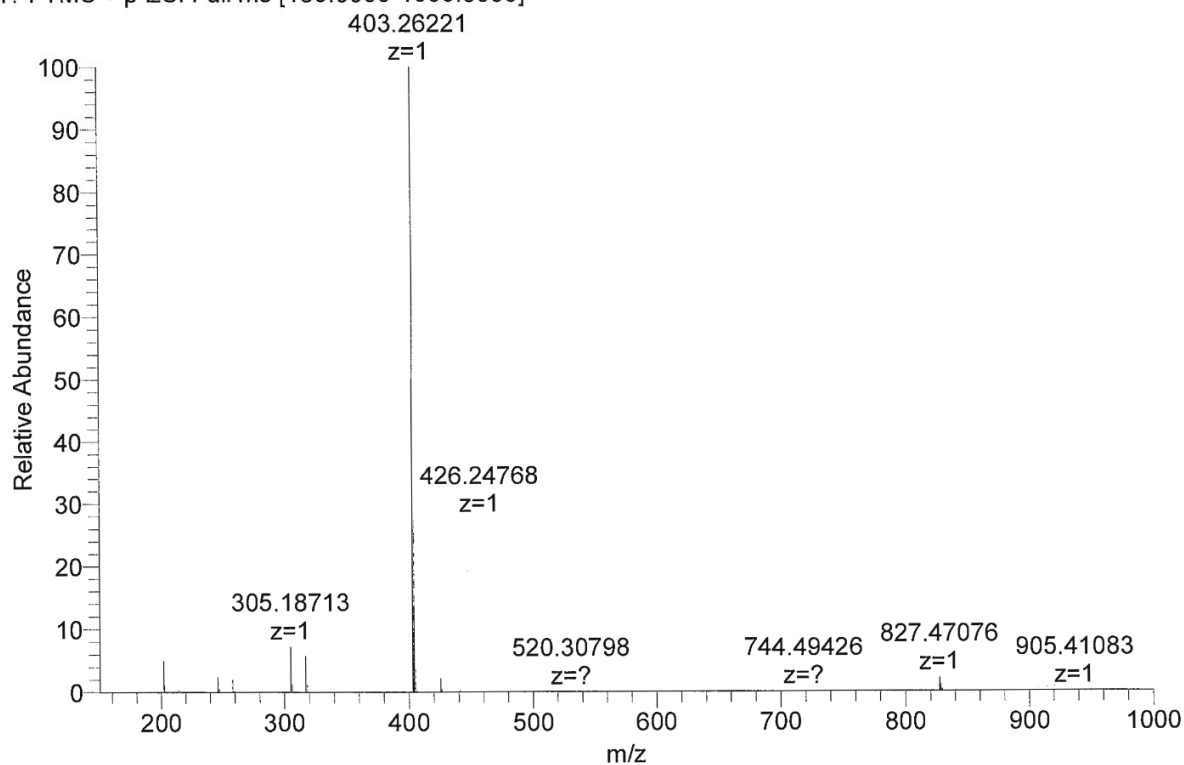
Spectra of *rel*-(3*R*,4*S*)-3-(1*H*-indol-3-yl)-4-(piperazin-1-ylmethyl)-2-propyl-3,4-dihydroisoquinolin-1(2*H*)-one (**2**)



RT: 0.00 - 16.02



120123_04 #392 RT: 5.24 AV: 1 NL: 7.32E9
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Figure S6. HRMS spectrum of compound *trans*-2.

General structure of compounds *trans*-3 - *trans*-9

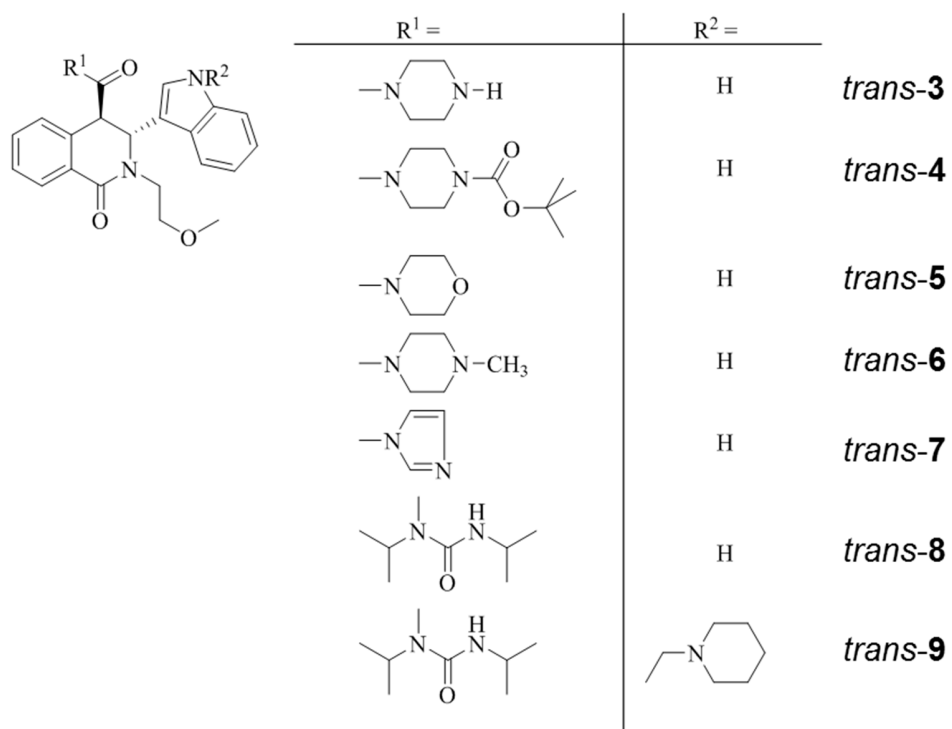


Figure S7. General structure of compounds *trans*-3 - *trans*-9