

*Supplementary Materials*

# Synthesis of New Indanyl Nucleoside Analogues and their Biological Evaluation on Hepatitis C Virus (HCV) Replicon

**Matías E. Gómez** <sup>1,†</sup>, **Emiliano A. Gentile** <sup>2,†</sup>, **M. Florencia Martini** <sup>1,3</sup>, **María L. Cuestas** <sup>2</sup>,  
**Verónica L. Mathet** <sup>2</sup>, **Graciela Y. Moltrasio** <sup>4</sup> and **Albertina G. Moglioni** <sup>1,3,\*</sup>

<sup>1</sup> Cátedra de Química Medicinal, Facultad de Farmacia y Bioquímica, Universidad de Buenos Aires, Ciudad Autónoma de Buenos Aires C1113AAD, Argentina; matgmz@gmail.com (M.E.G.); flormartini1@gmail.com (M.F.M.);

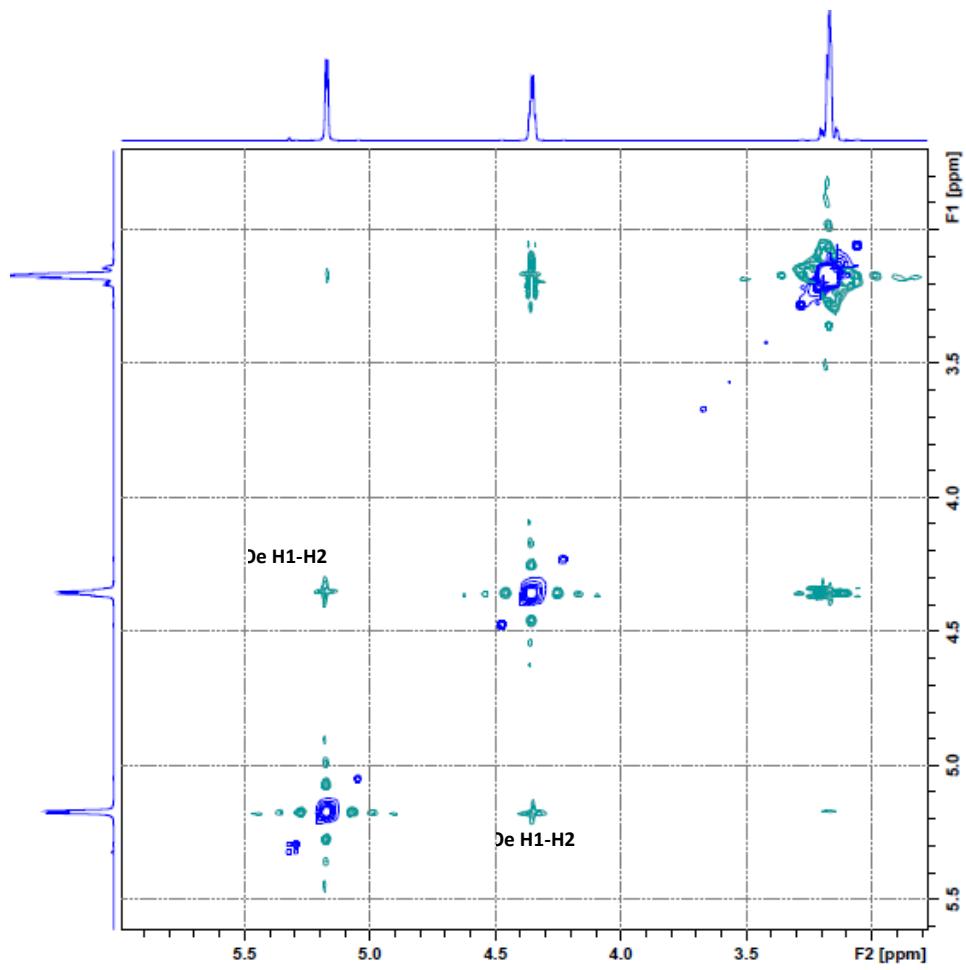
<sup>2</sup> Instituto de Investigaciones en Microbiología y Parasitología Médica, CONICET-Universidad de Buenos Aires, Paraguay 2155, Ciudad Autónoma de Buenos Aires C1121ABF, Argentina; emilianogentile@gmail.com (E.A.G.); marilu\_cuestas@yahoo.com.ar (M.L.C); vmathet@gmail.com (V.L.M.)

<sup>3</sup> Instituto de la Química y Metabolismo del Fármaco, CONICET-Universidad de Buenos Aires, Ciudad Autónoma de Buenos Aires C1113AAD, Argentina

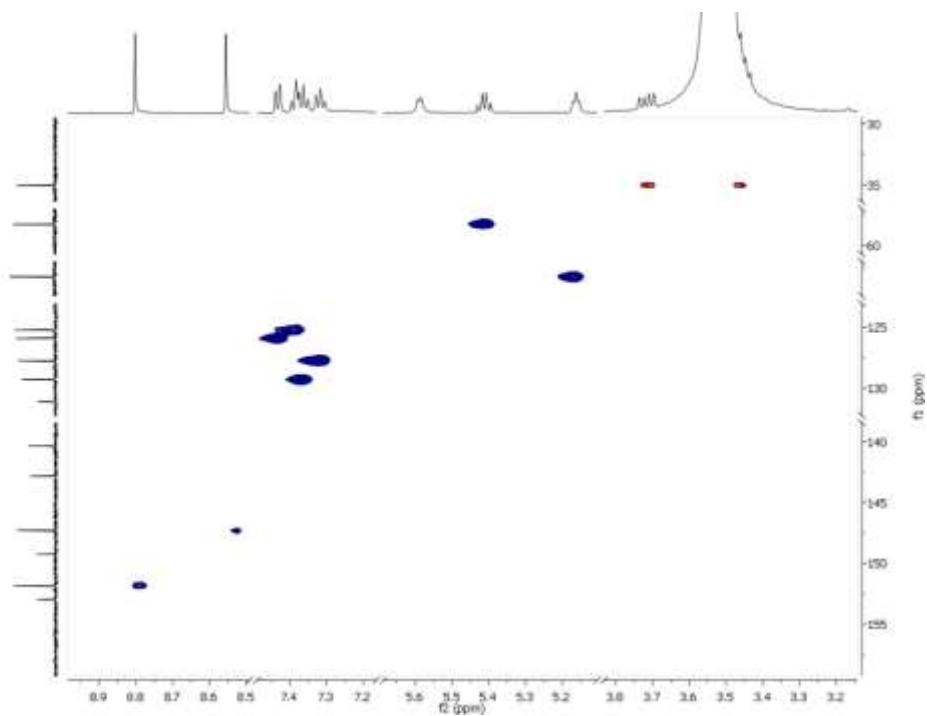
<sup>4</sup> Cátedra de Química Orgánica II, Facultad de Farmacia y Bioquímica, Universidad de Buenos Aires, Junín 956, Ciudad Autónoma de Buenos Aires C1113AAD, Argentina; gmoltra@gmail.com (G.Y.M.)

\* Correspondence: amoglio@ffyb.uba.ar or bmoglio2015@gmail.com; Tel.: +54-11-5287-4852

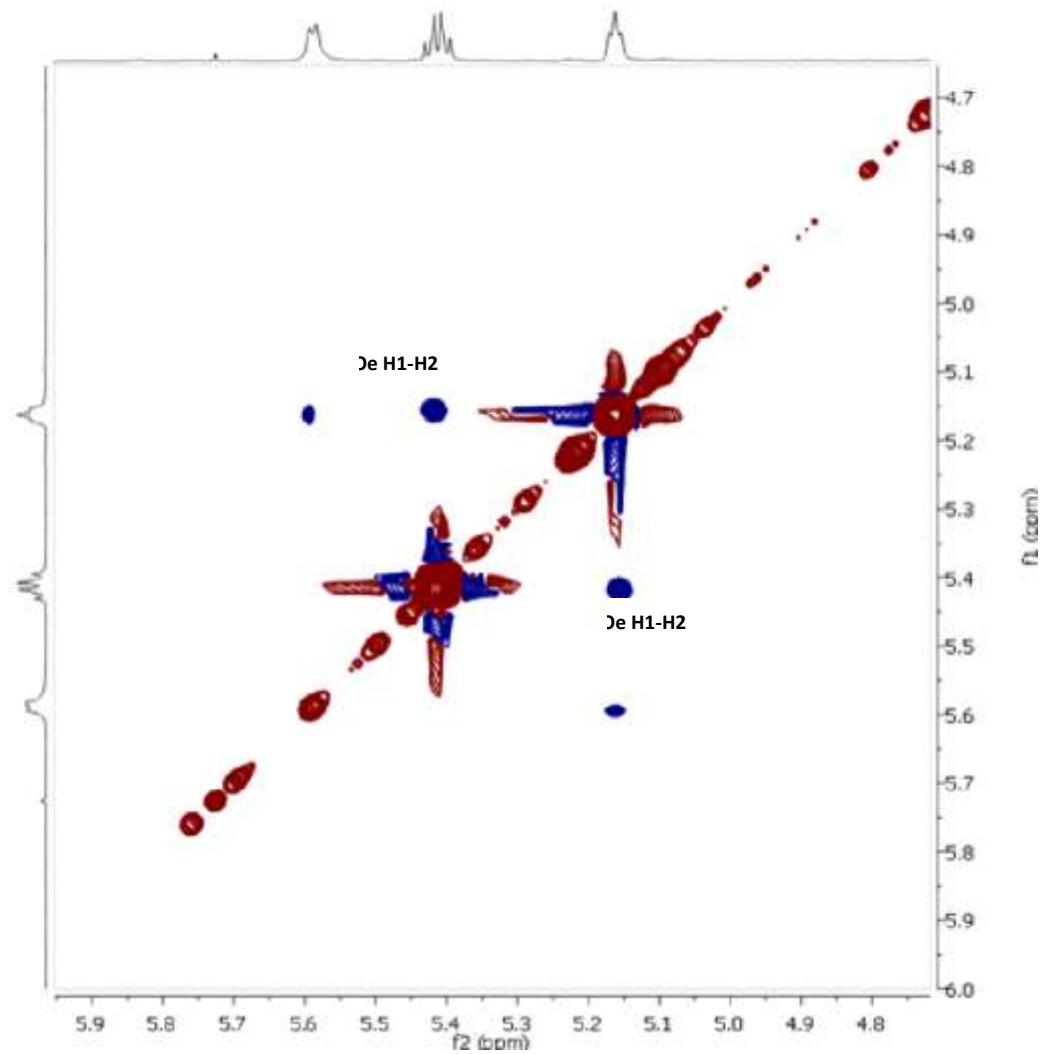
† These authors contributed equally to this work.



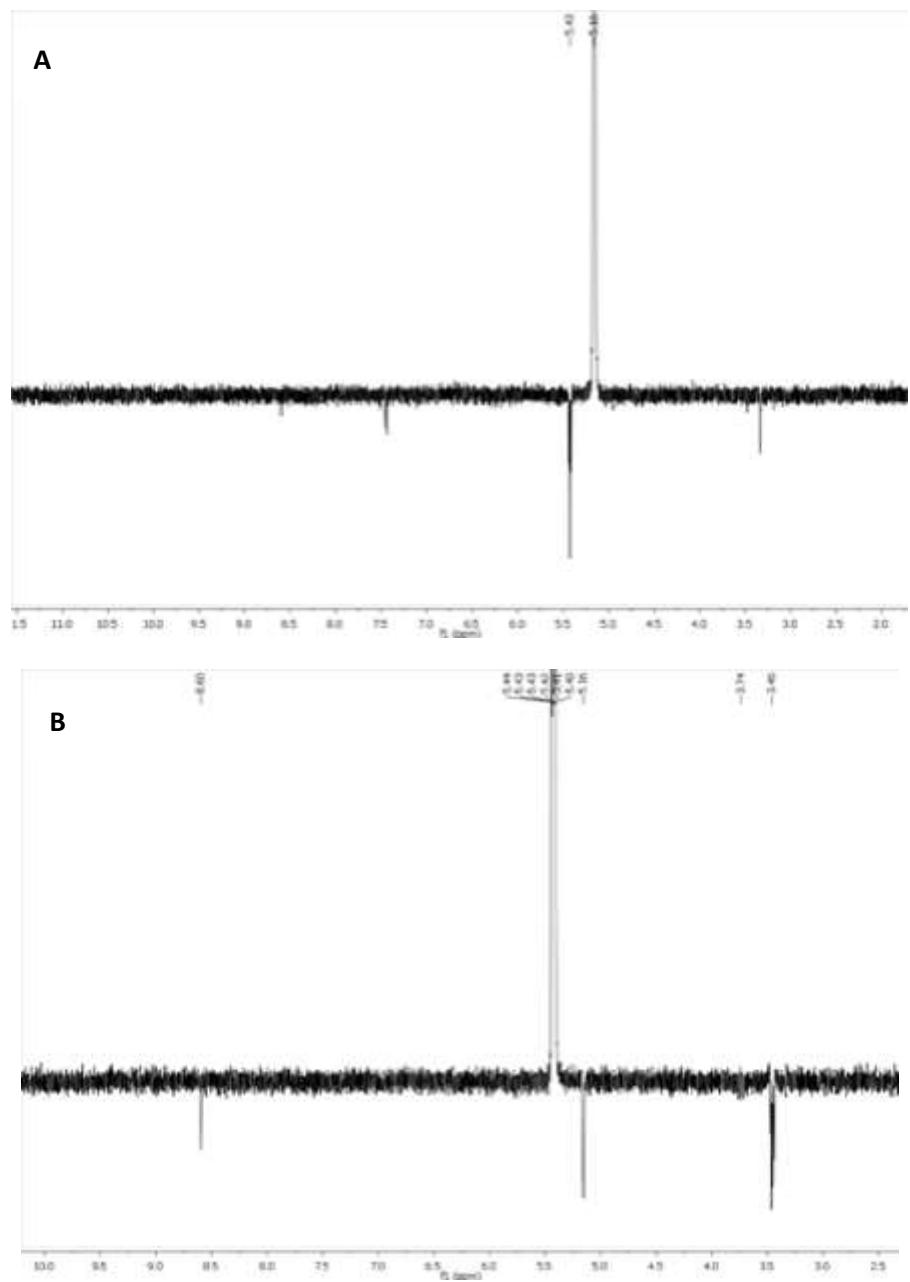
**Figure S1.** NOESY spectrum of compound **2**. The nOe effect between H1 and H2 show the relative configuration *cis* of substituents on positions 1 and 2.



**Figure S2.** HSQC of compound 5.



**Figure S3.** NOESY spectrum of compound **5**. The nOe effect between H1 and H2 show the relative configuration *cis* of substituents on positions 1 and 2.



**Figure S4.** Selective nOe of compound 5. A) Observed nOe when H1 was irradiated, B) Observed nOe when H2 was irradiated.