

## Supplementary Materials

### O6-[*(2'',3''-O-Isopropylidene-5''-O- tbutyldimethylsilyl)pentyl]-5'-O-*tbutyldiphenylsilyl-2',3'- O-isopropylideneinosine**

Maria Marzano <sup>1</sup>, Monica Terracciano <sup>2</sup>, Vincenzo Piccialli <sup>3</sup>, Ahmed Mahal <sup>4,5,6</sup>, Roberto Nilo <sup>7</sup>  
and Stefano D'Errico <sup>2,\*</sup>

<sup>1</sup> Institute of Applied Sciences and Intelligent Systems (ISASI), Unity of Naples,  
National Research Council (CNR), via Campi Flegrei, 34, 80078 Naples, Italy;  
maria.marzano@na.isasi.cnr.it

<sup>2</sup> Department of Pharmacy, University of Naples Federico II, via Domenico Montesano, 49, 80131 Naples, Italy;  
monica.terracciano@unina.it

<sup>3</sup> Department of Chemical Sciences, University of Naples Federico II, via Cintia, 21, 80126 Naples, Italy;  
vinpicci@unina.it

<sup>4</sup> Department of Medical Biochemical Analysis, College of Health Technology, Cihan University—Erbil,  
Erbil, Kurdistan Region, Iraq; ahmed.mahal@cihanuniversity.edu.iq

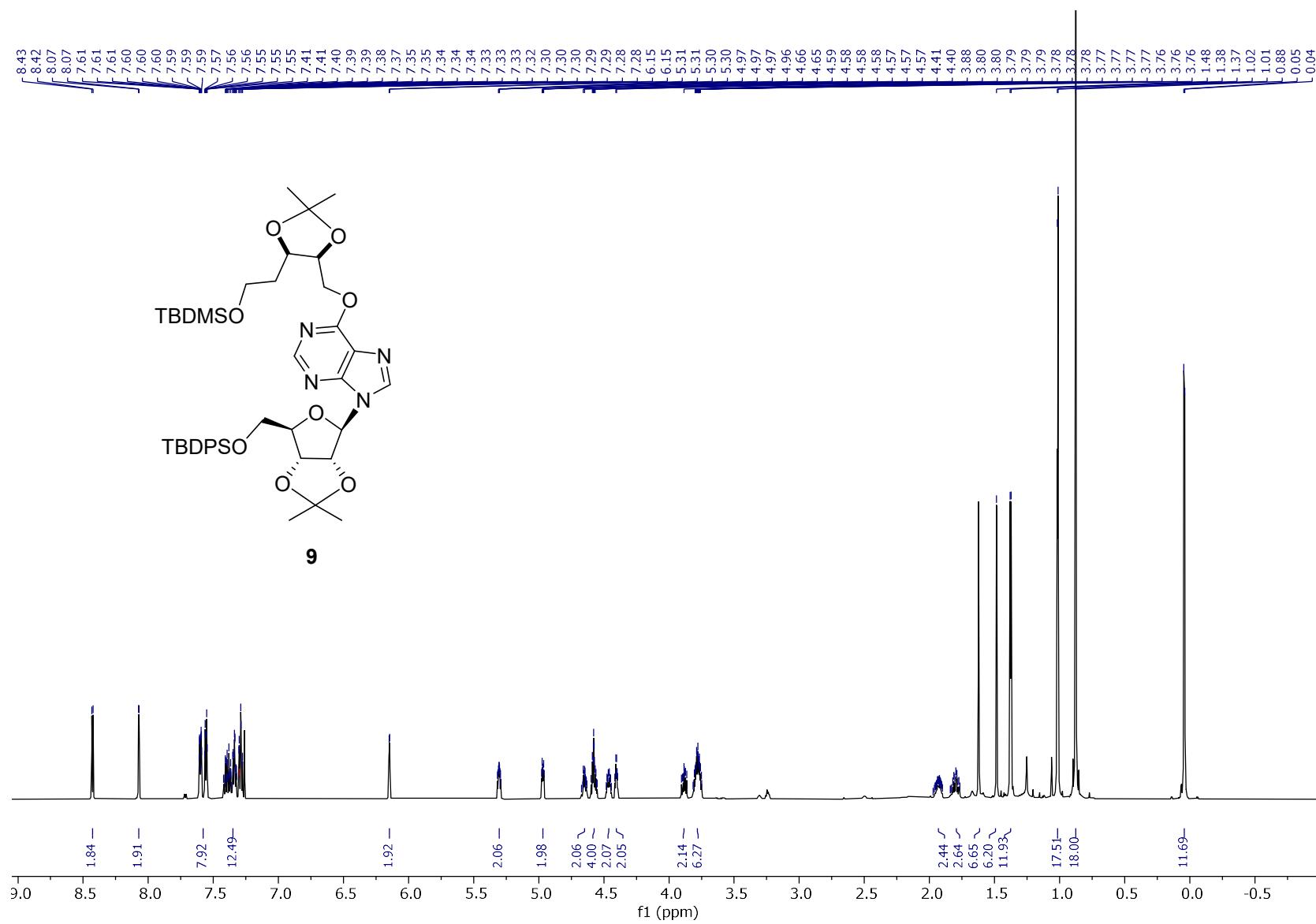
<sup>5</sup> Key Laboratory of Plant Resources Conservation and Sustainable Utilization,  
Guangdong Provincial Key Laboratory of Applied Botany, South China Botanical Garden, Chinese Academy of  
Sciences, Guangzhou 510650, China

<sup>6</sup> Guangzhou HC Pharmaceutical Co., Ltd., Guangzhou 510663, China

<sup>7</sup> Institute of Experimental Endocrinology and Oncology "Gaetano Salvatore" (IEOS)  
National Research Council (CNR), via T. De Amicis, 95, 80145 Naples, Italy; r.nilo@studenti.unina.it

\* Correspondence: stefano.derrico@unina.it; Tel.: +39-081-679981

<sup>1</sup> H-NMR spectrum of compound <b>9</b>	S1
<sup>13</sup> C-NMR spectrum of compound <b>9</b>	S2
COSY spectrum of compound <b>9</b>	S3
HSQC spectrum of compound <b>9</b>	S4
HMBC spectrum of compound <b>9</b>	S5
HRESI-MS spectrum of compound <b>9</b>	S6



**Figure S1.** Copy of <sup>1</sup>H-NMR spectrum (600 MHz, CDCl<sub>3</sub>) of compound **9**

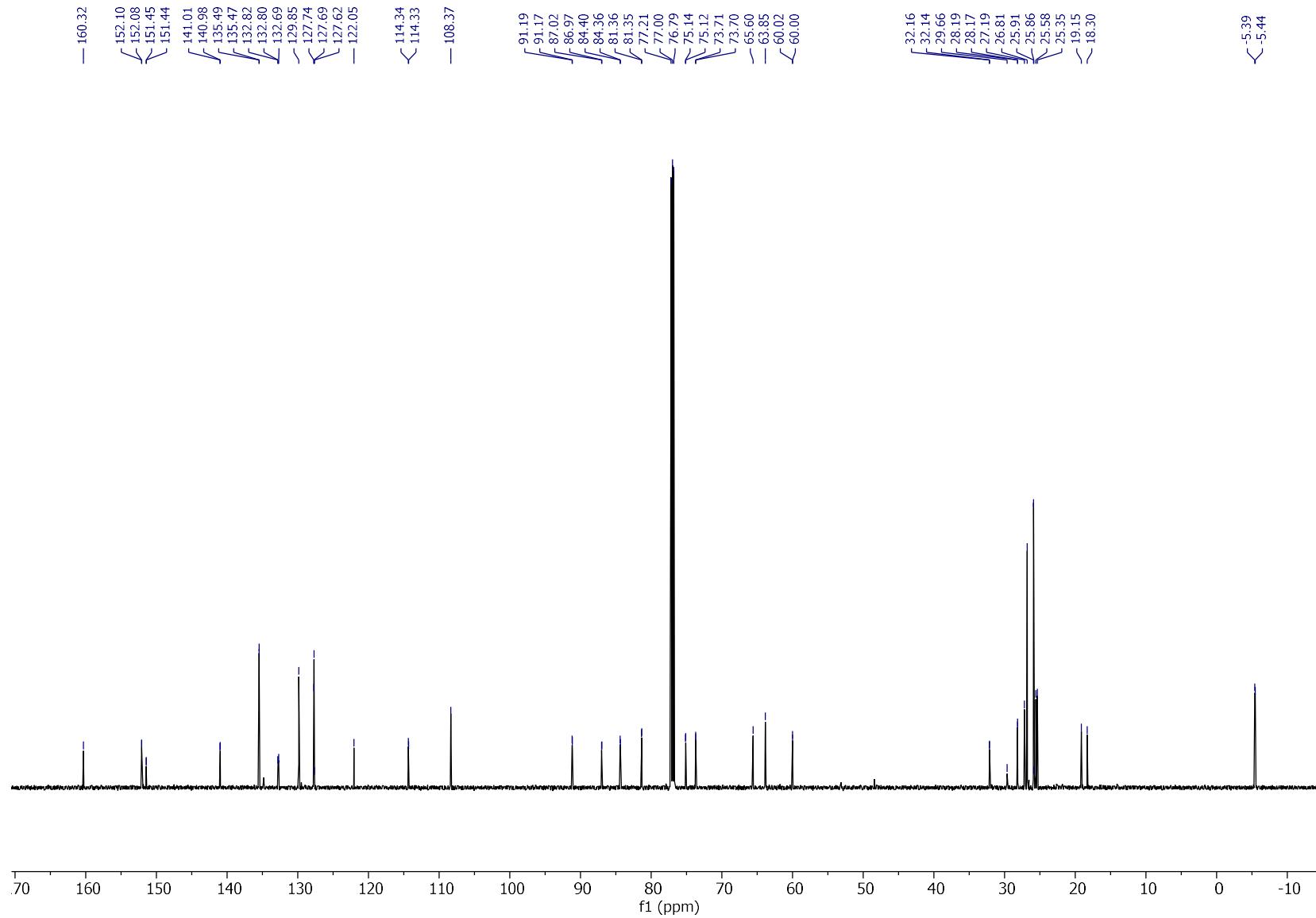


Figure S2. Copy of  $^{13}\text{C}$ -NMR spectrum (151 MHz,  $\text{CDCl}_3$ ) of compound 9

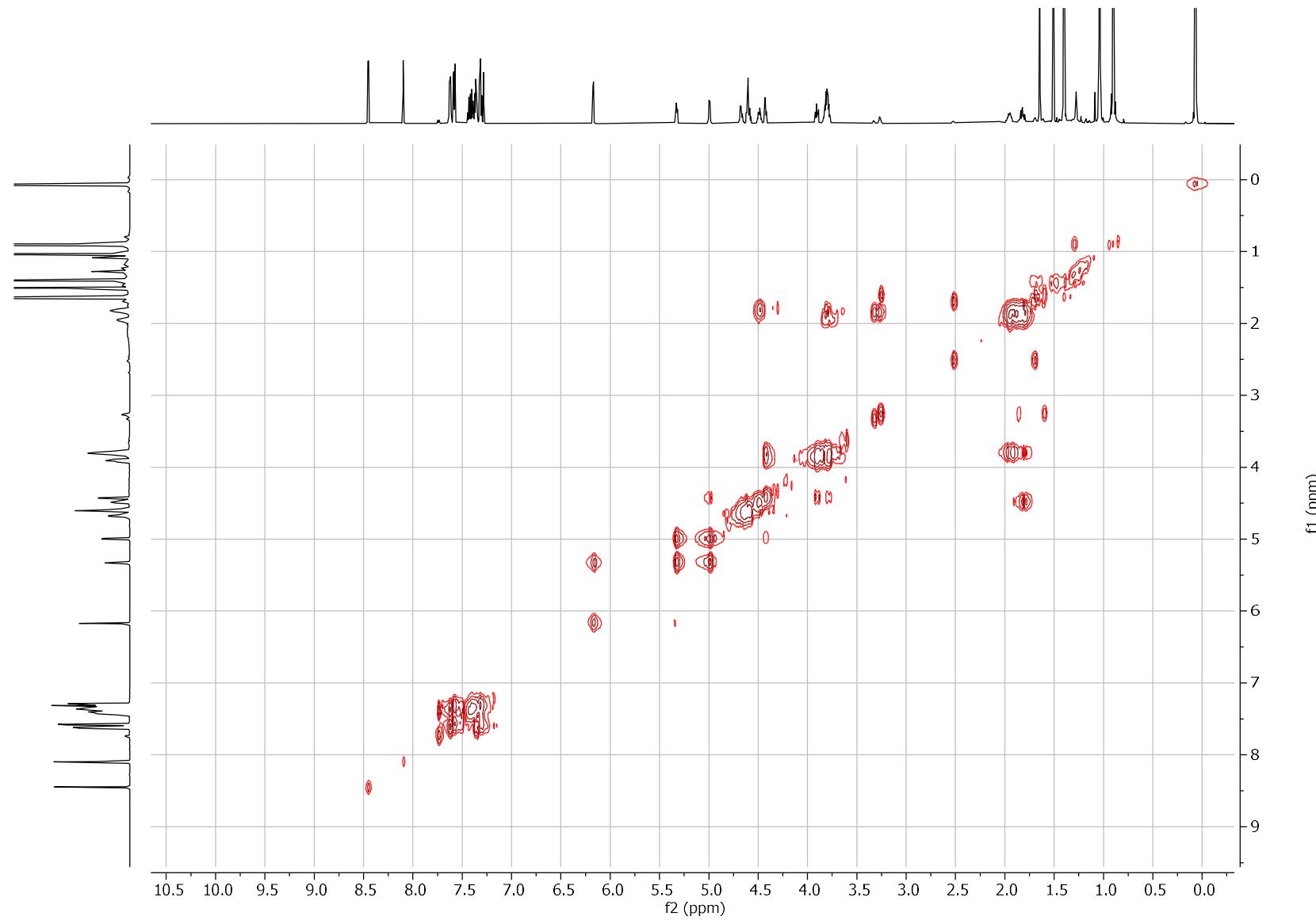


Figure S3. Copy of COSY spectrum (600 MHz,  $\text{CDCl}_3$ ) of compound 9

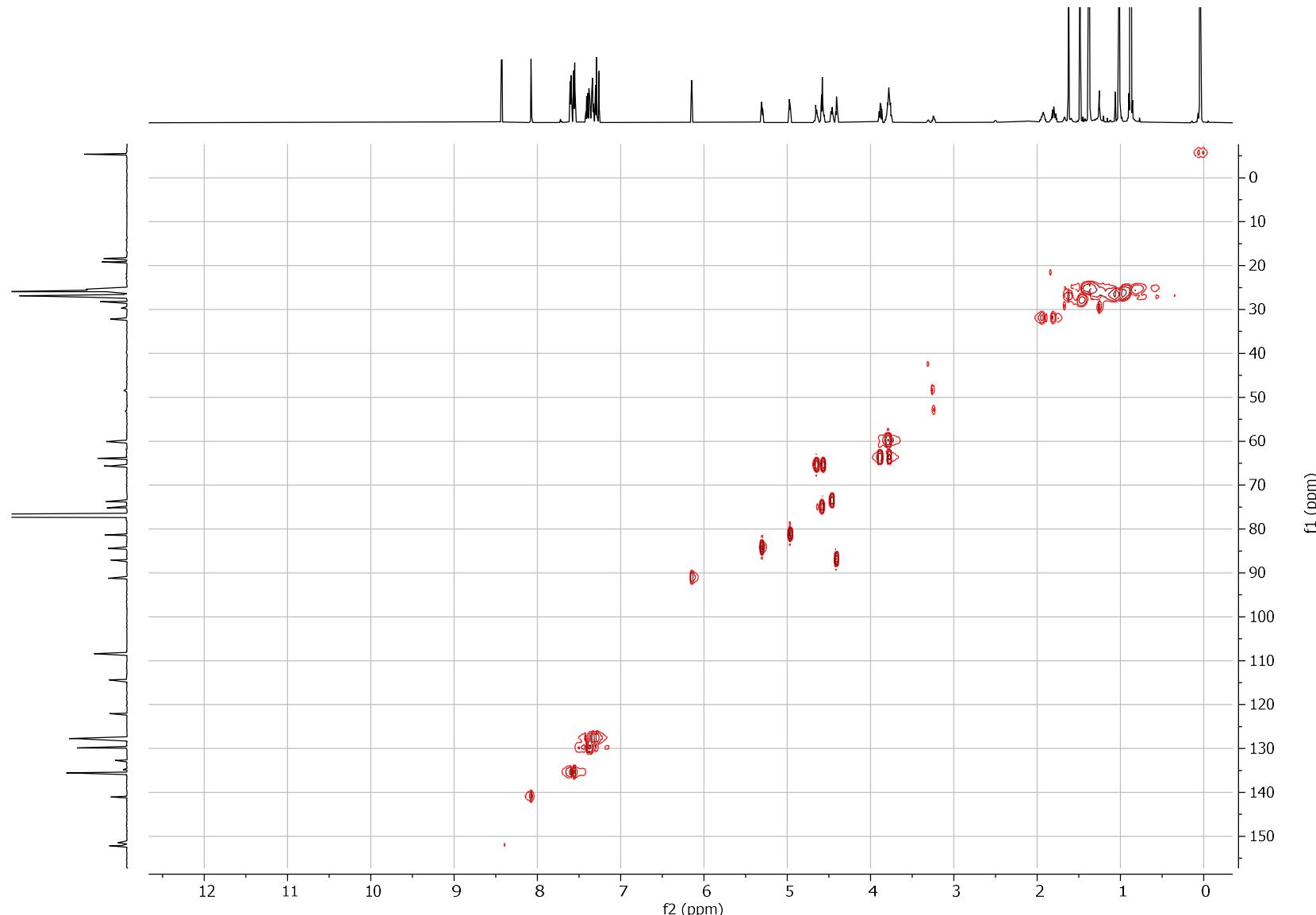


Figure S4. Copy of HSQC spectrum (600 MHz,  $\text{CDCl}_3$ ) of compound 9

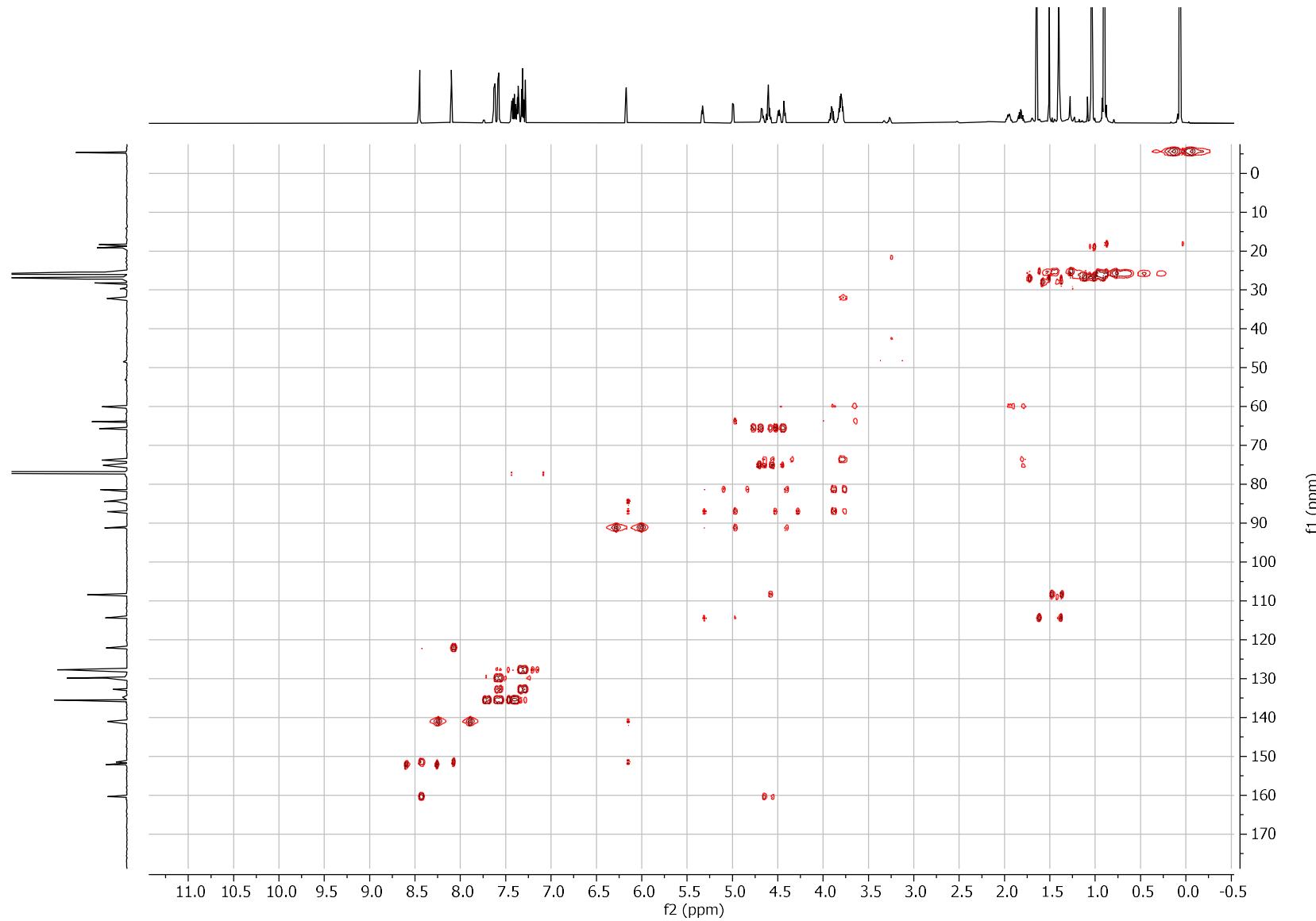


Figure S5. Copy of HMBC spectrum (600 MHz,  $\text{CDCl}_3$ ) of compound 9

Nucleoside #773 RT: 12.08 AV: 1 NL: 3.23E6

F: FTMS + c ESI Full ms [790.00-870.00]

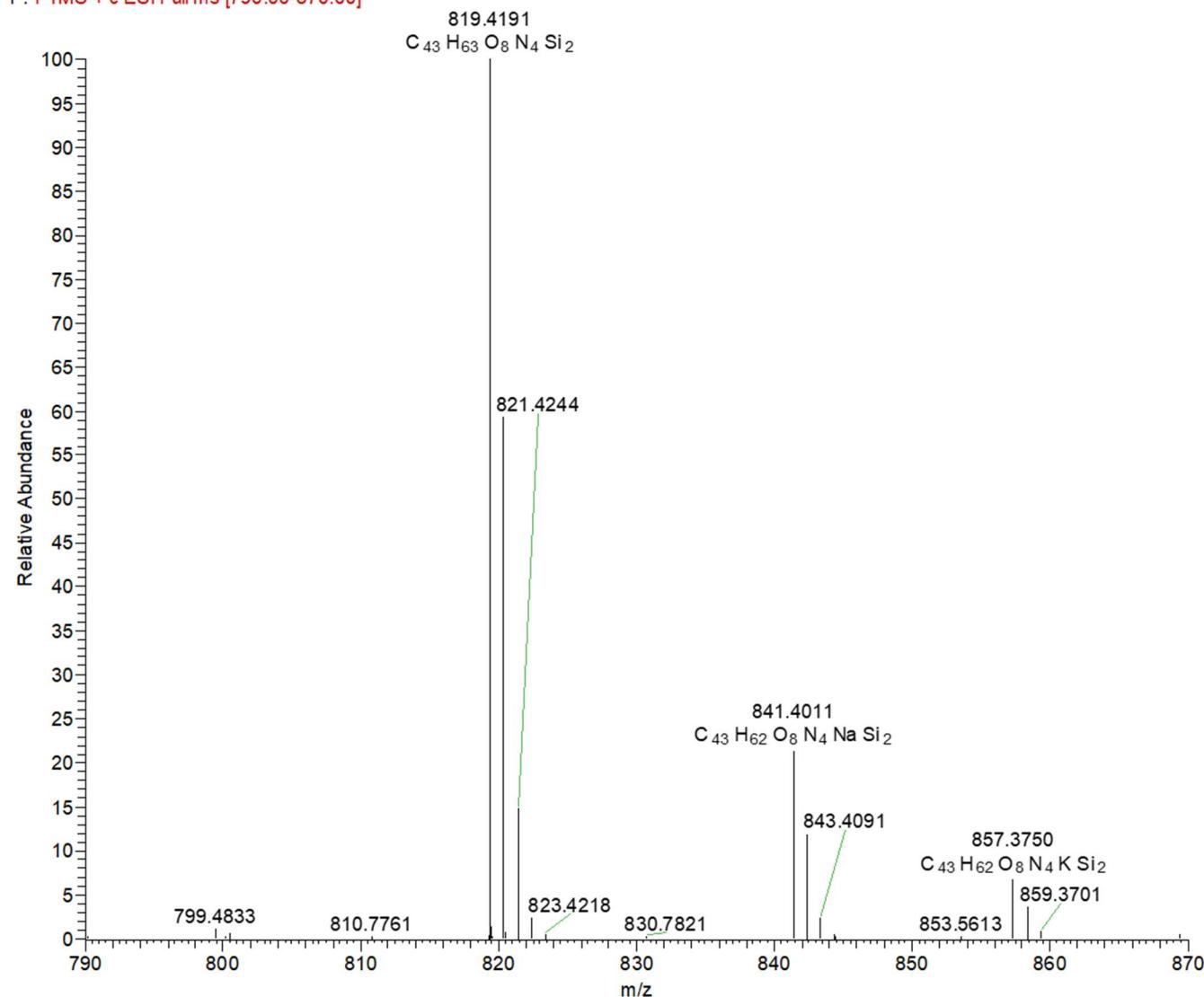


Figure S6. Copy of HRESI-MS spectrum of compound 9