

## Electronic Supplementary Information

for

### Small change for big improvement in the preparation of the key intermediate

#### *N*<sup>1</sup>, *N*<sup>3</sup>-disubstituted 1,3,5-triazone of ensitrelvir

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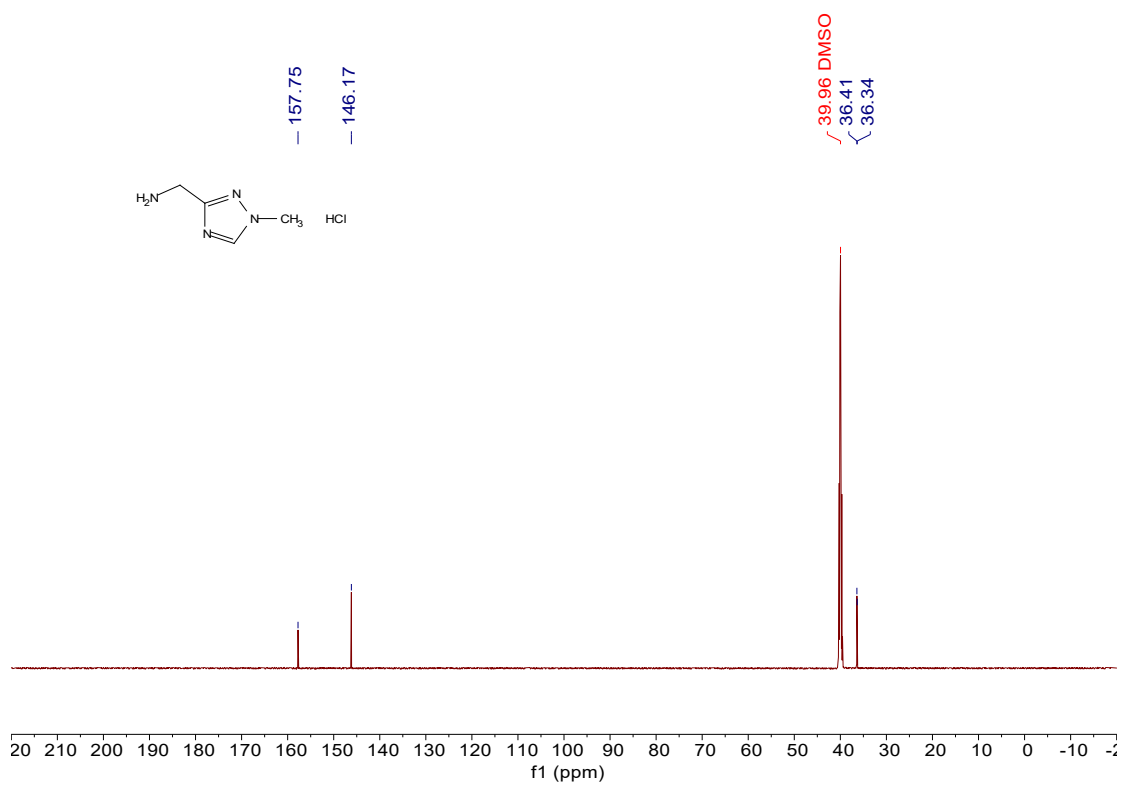
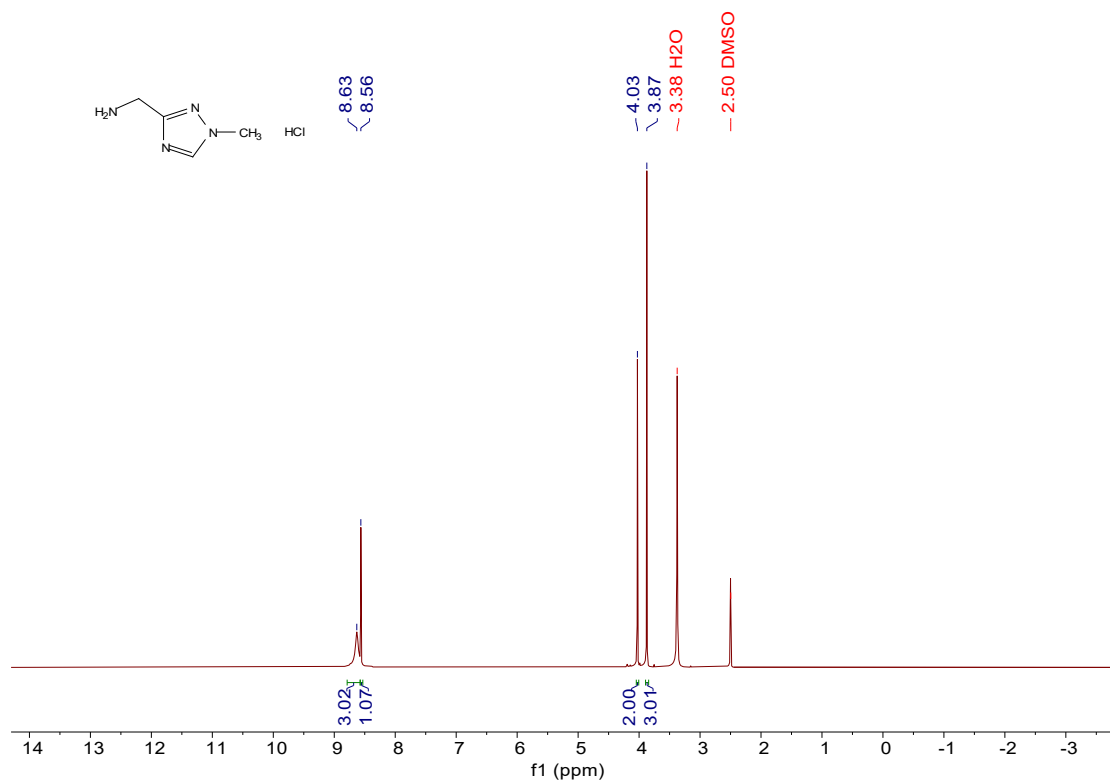
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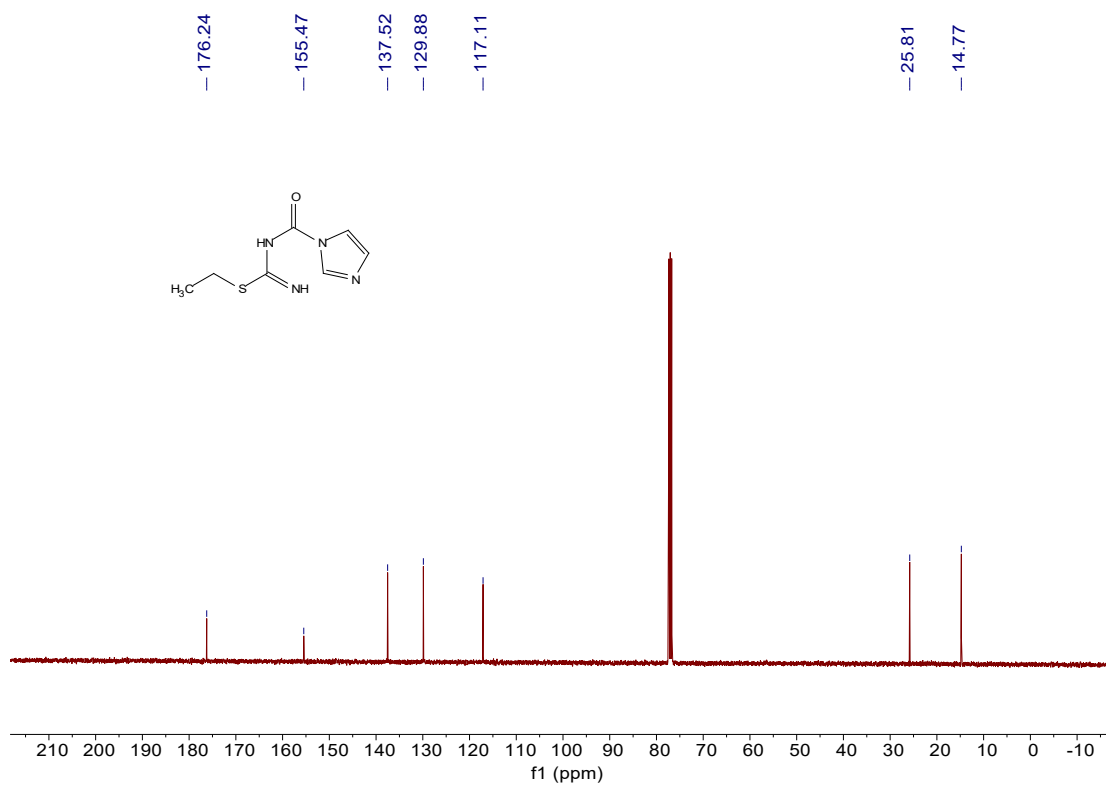
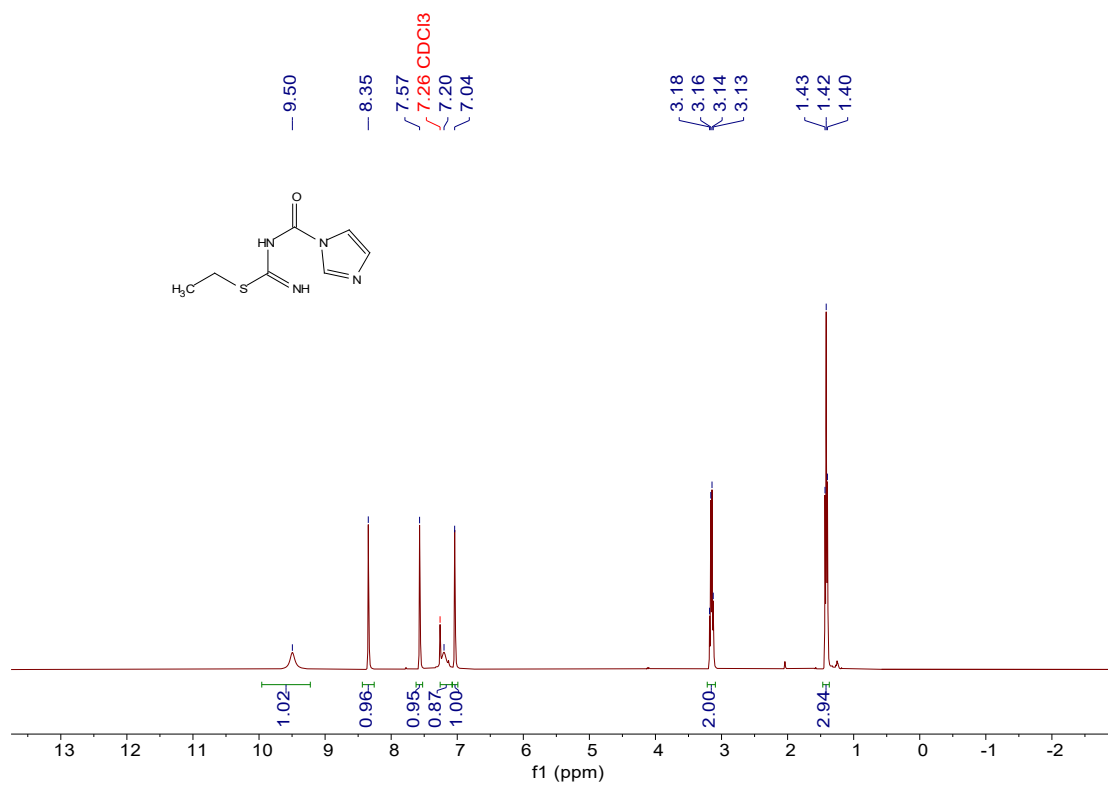
#### SPECTROSCOPIC DATA

<sup>1</sup> H NMR and <sup>13</sup> C NMR of compound <b>10</b> .....	<b>S2</b>
<sup>1</sup> H NMR and <sup>13</sup> C NMR of compound <b>13a</b> .....	<b>S3</b>
<sup>1</sup> H NMR and <sup>13</sup> C NMR of compound <b>13</b> .....	<b>S4</b>
<sup>1</sup> H NMR and <sup>13</sup> C NMR of compound <b>12</b> .....	<b>S5</b>
<sup>1</sup> H NMR and <sup>13</sup> C NMR of compound <b>2</b> .....	<b>S6</b>
HRMS of compound <b>13</b> and <b>12</b> .....	<b>S7</b>

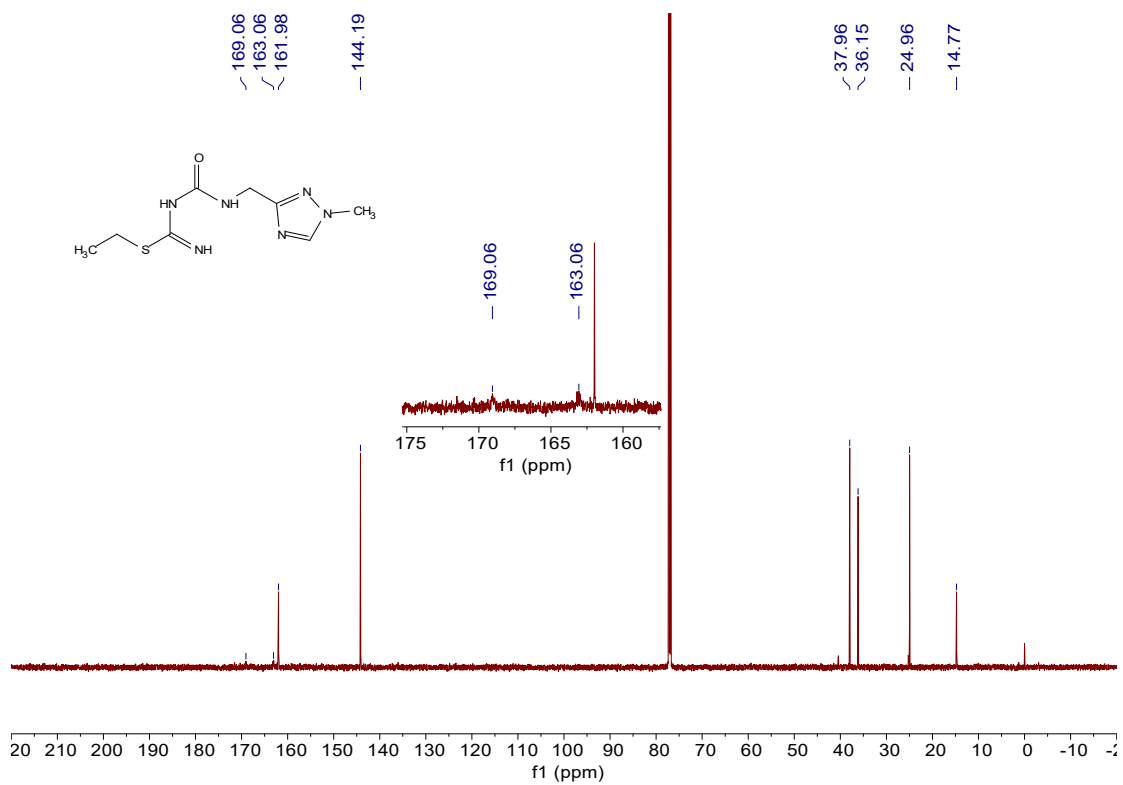
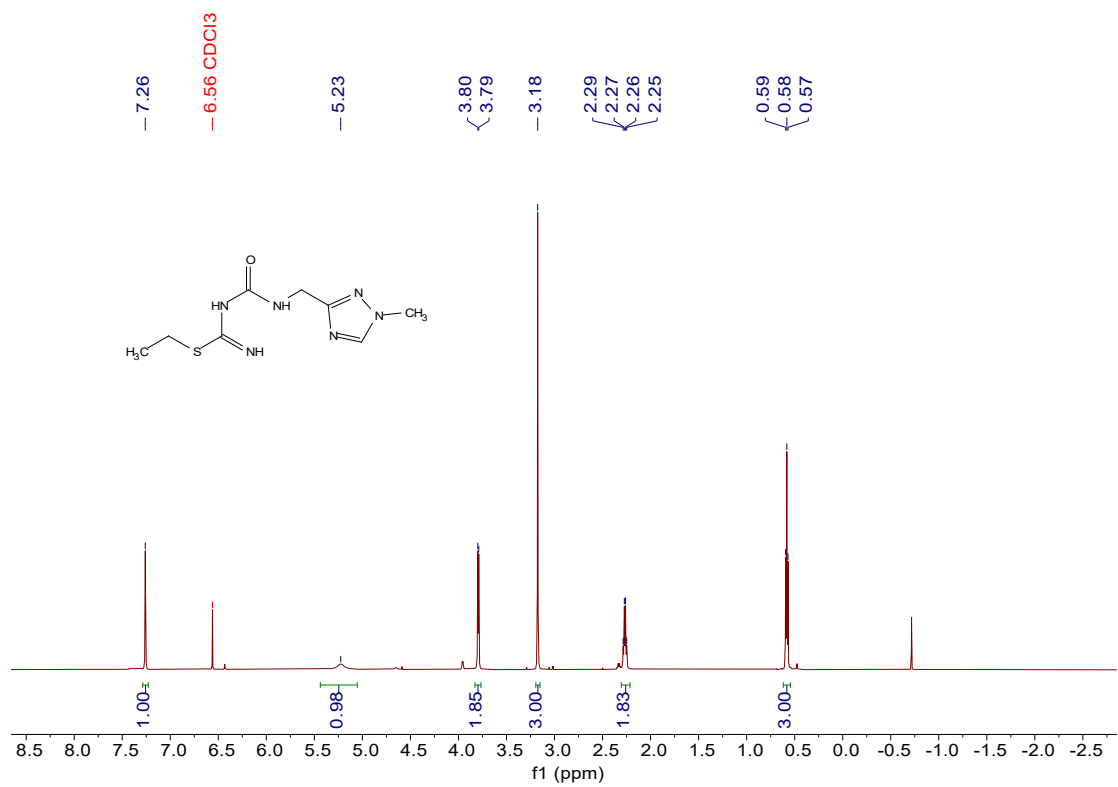
**<sup>1</sup>H NMR (600 MHz) and <sup>13</sup>C NMR (150 MHz) in DMSO-*d*<sub>6</sub> of compound 10**



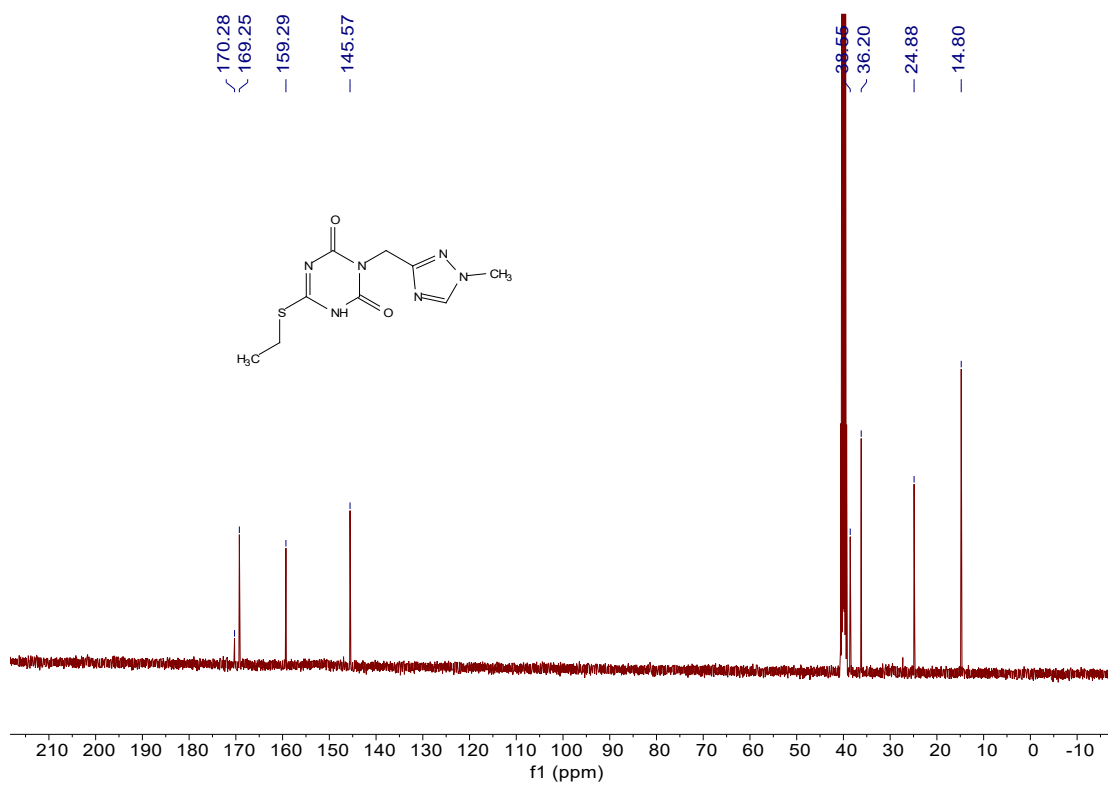
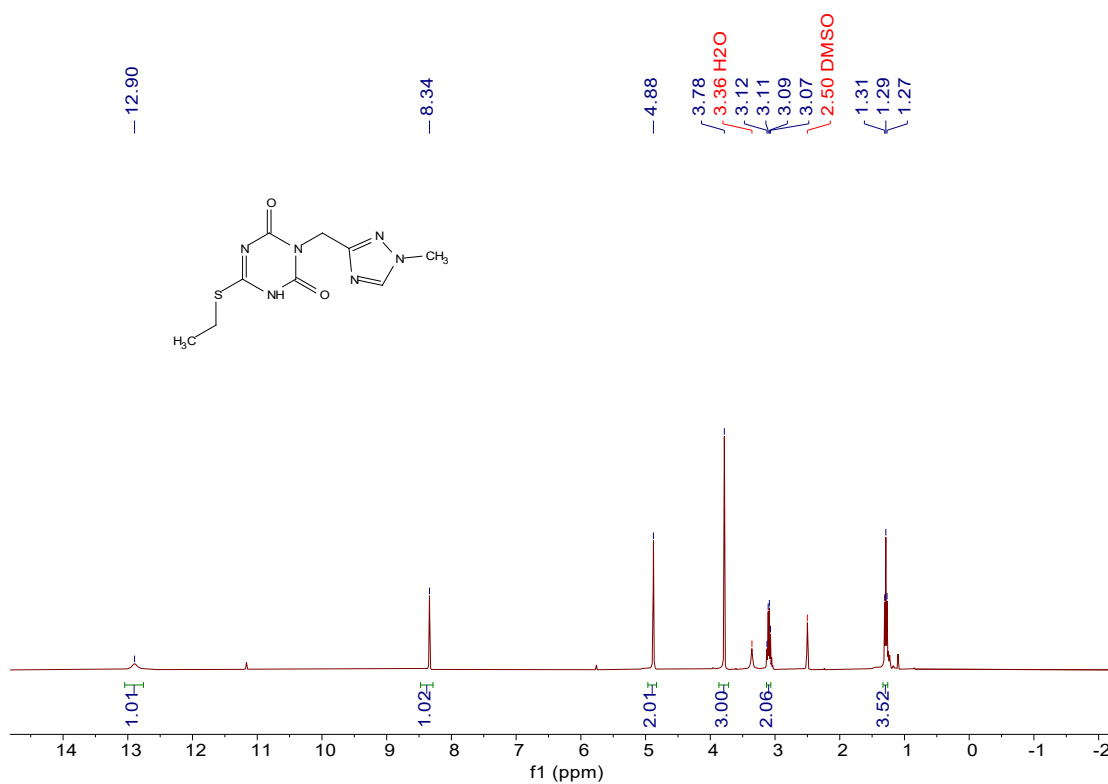
$^1\text{H}$  NMR (400 MHz) and  $^{13}\text{C}$  NMR (100 MHz) in  $\text{CDCl}_3$  of compound **13a**



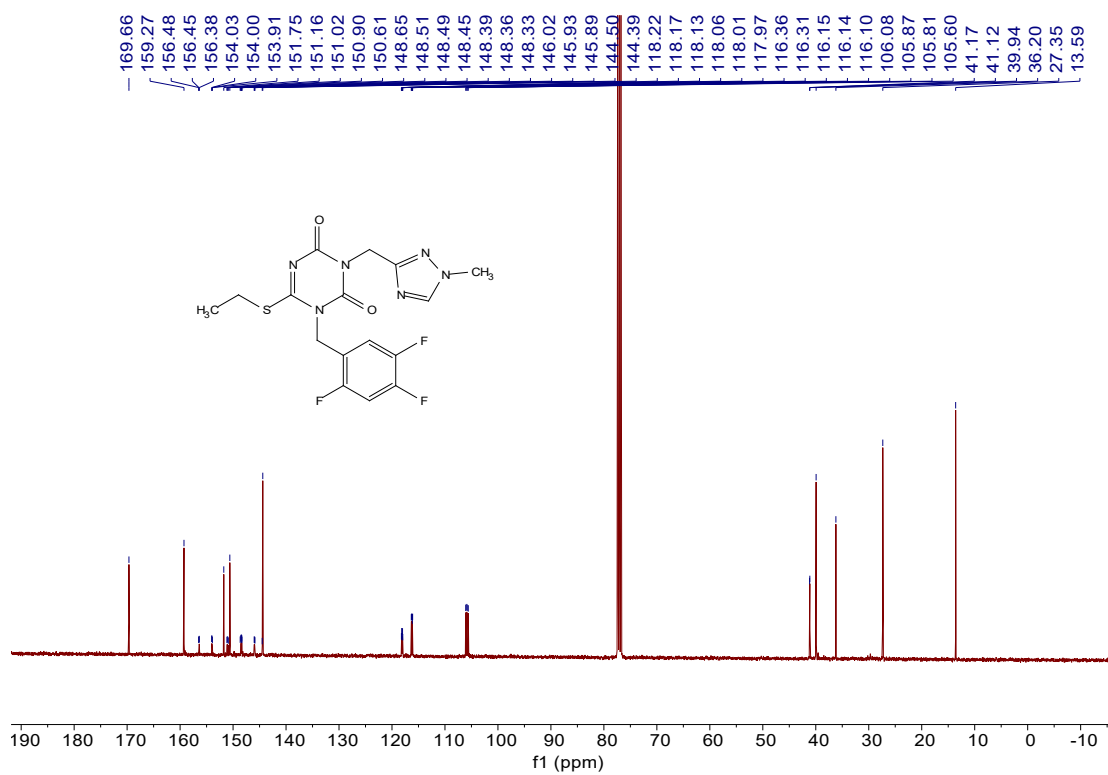
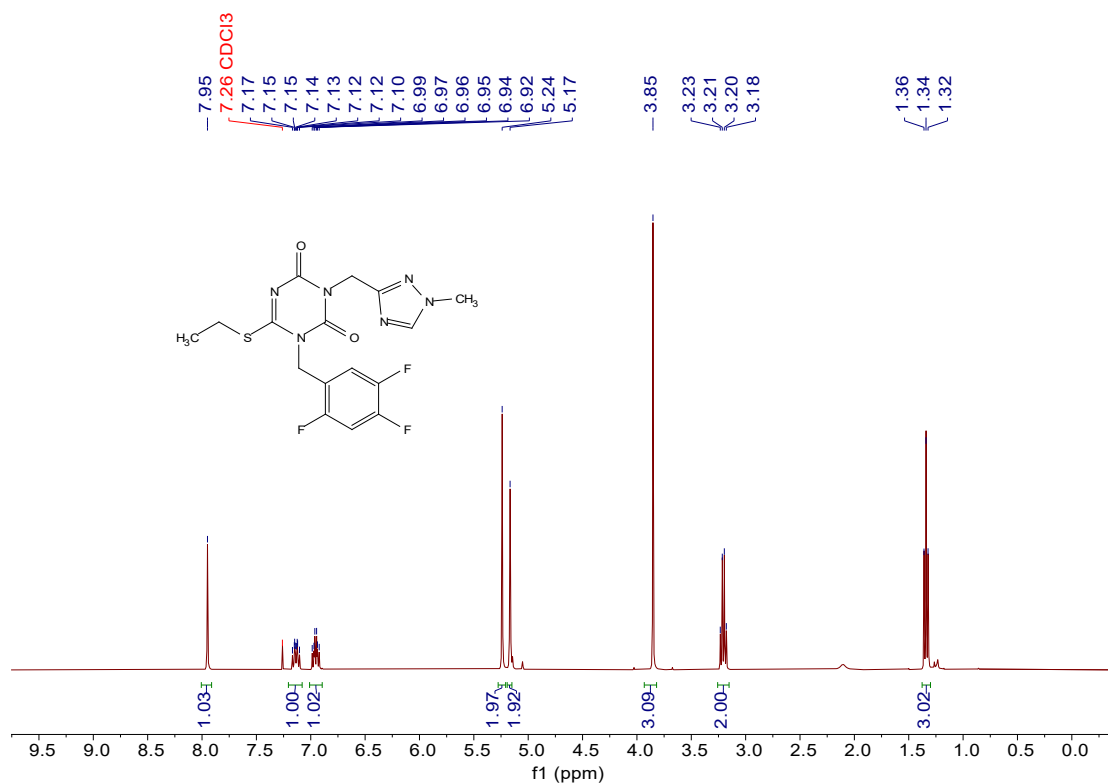
$^1\text{H}$  NMR (600 MHz) and  $^{13}\text{C}$  NMR (150 MHz) in  $\text{CDCl}_3$  of compound **13**



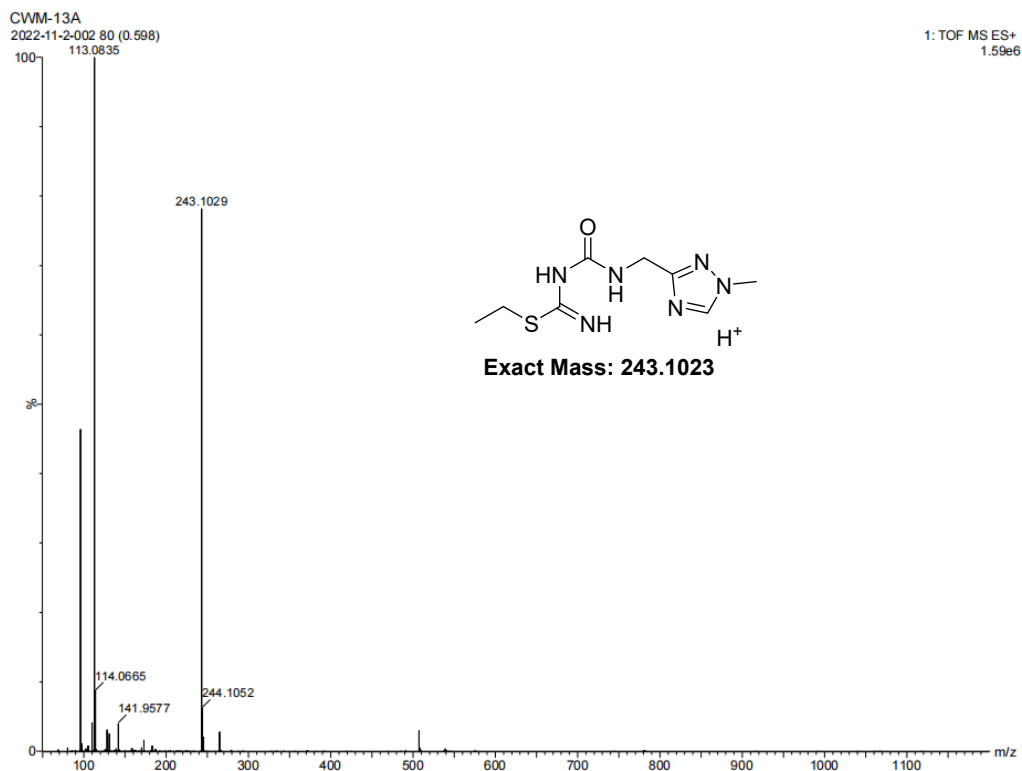
$^1\text{H}$  NMR (400 MHz) and  $^{13}\text{C}$  NMR (100 MHz) in  $\text{DMSO-}d_6$  of compound **12**



$^1\text{H}$  NMR (400 MHz) and  $^{13}\text{C}$  NMR (100 MHz) in  $\text{CDCl}_3$  of compound **2**



## HRMS of compound 13



## HRMS of compound 12

