

## **A Visible Light Mediated, Metal and Oxidant Free Highly Efficient Cross Dehydrogenative Coupling (CDC) Reaction between Quinoxalin-2(1*H*)-ones and Ethers**

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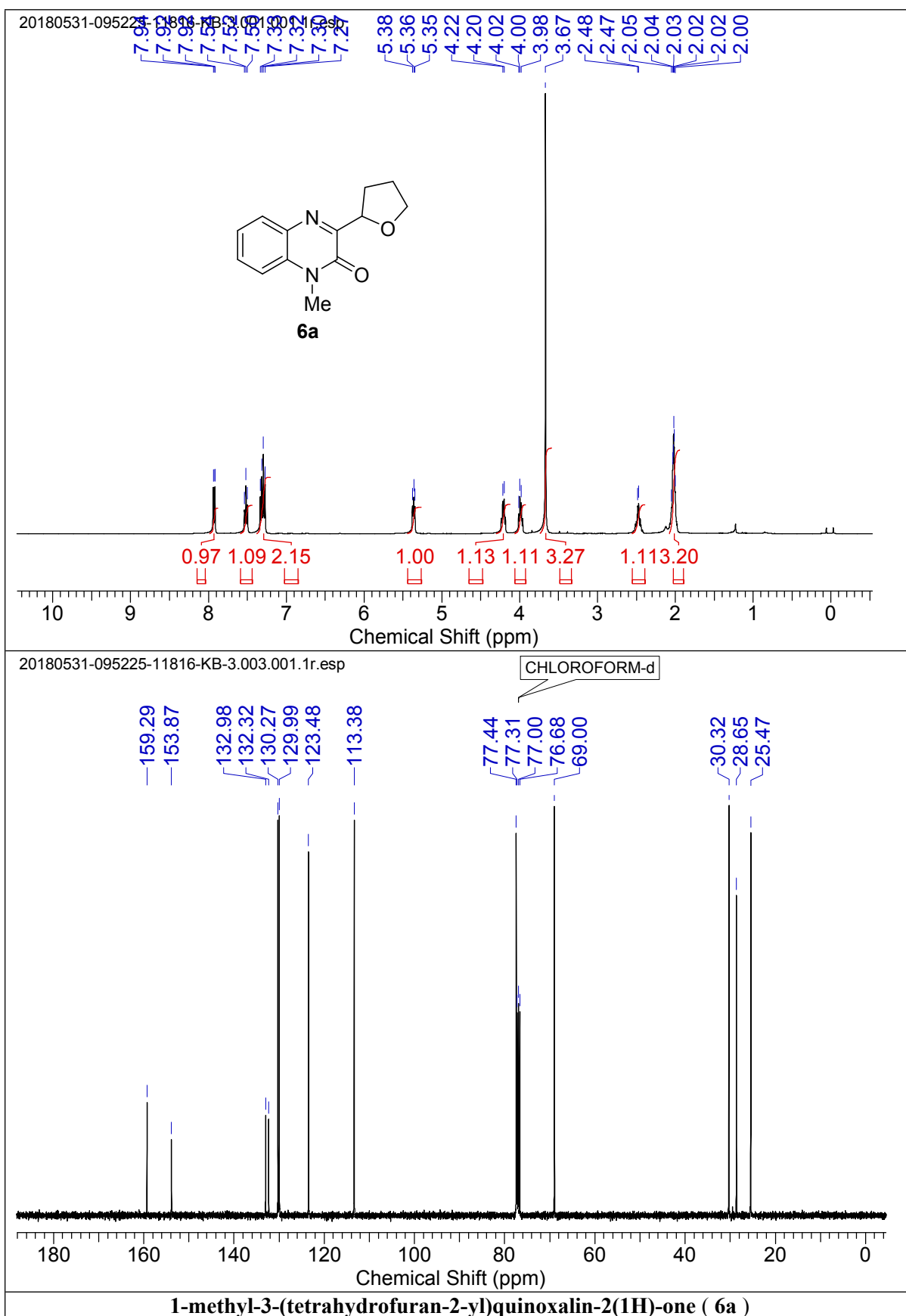
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*<sup>b</sup>Academy of Scientific and Innovative Research, Ghaziabad 201 002, India*

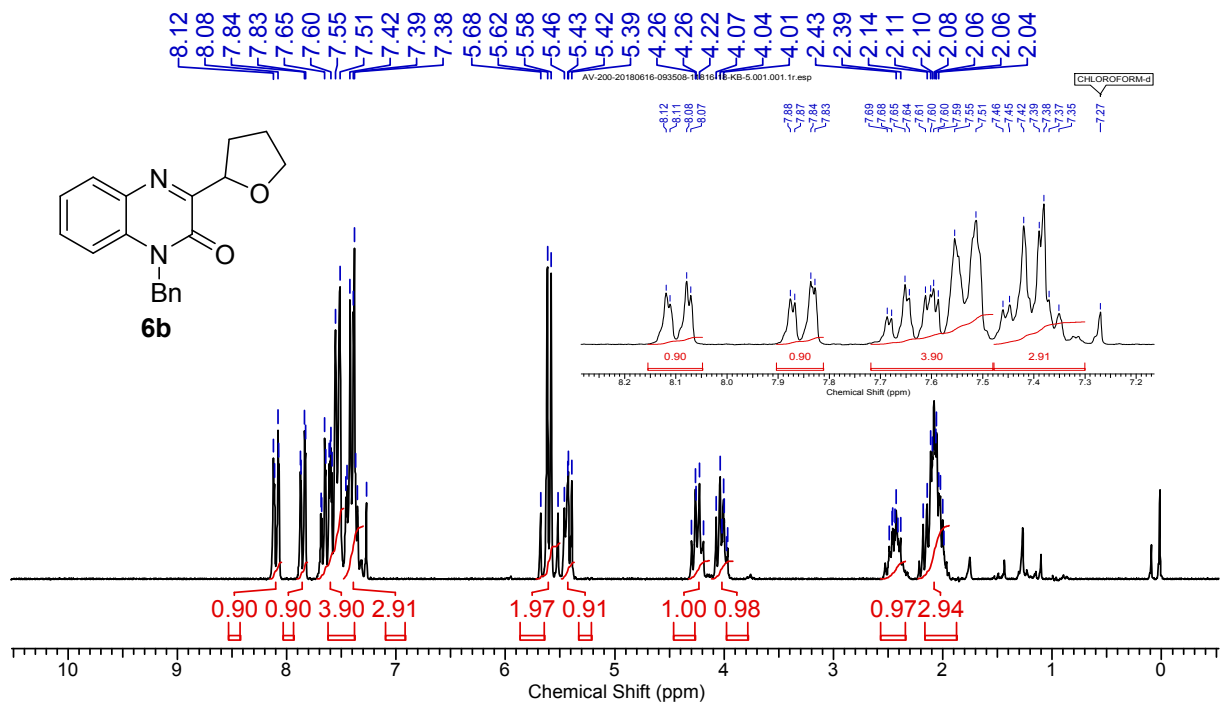
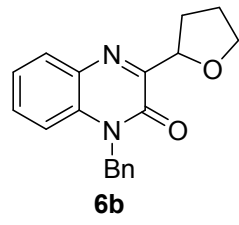
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<b>Sr. No</b>	<b>Content</b>	<b>Page No.</b>
<b>1</b>	<b>NMR Spectra's</b>	<b>S2</b>
<b>2</b>	<b>HRMS</b>	<b>S22</b>

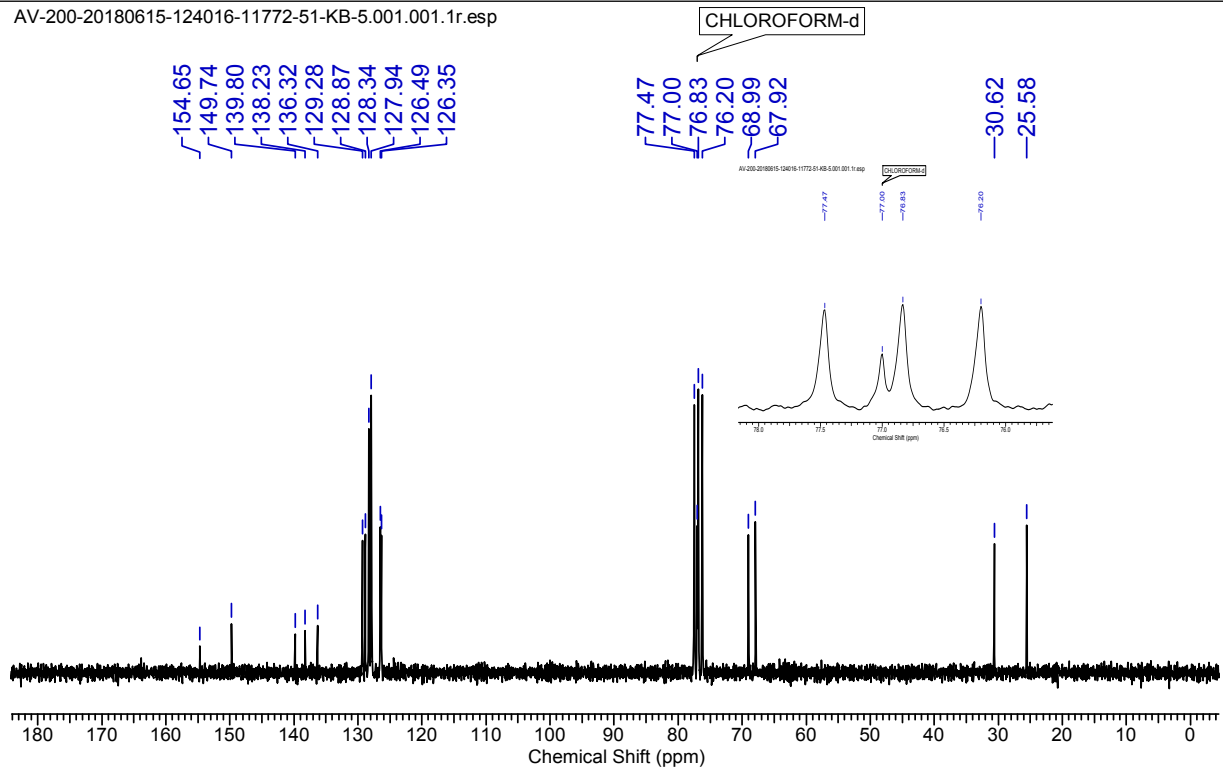
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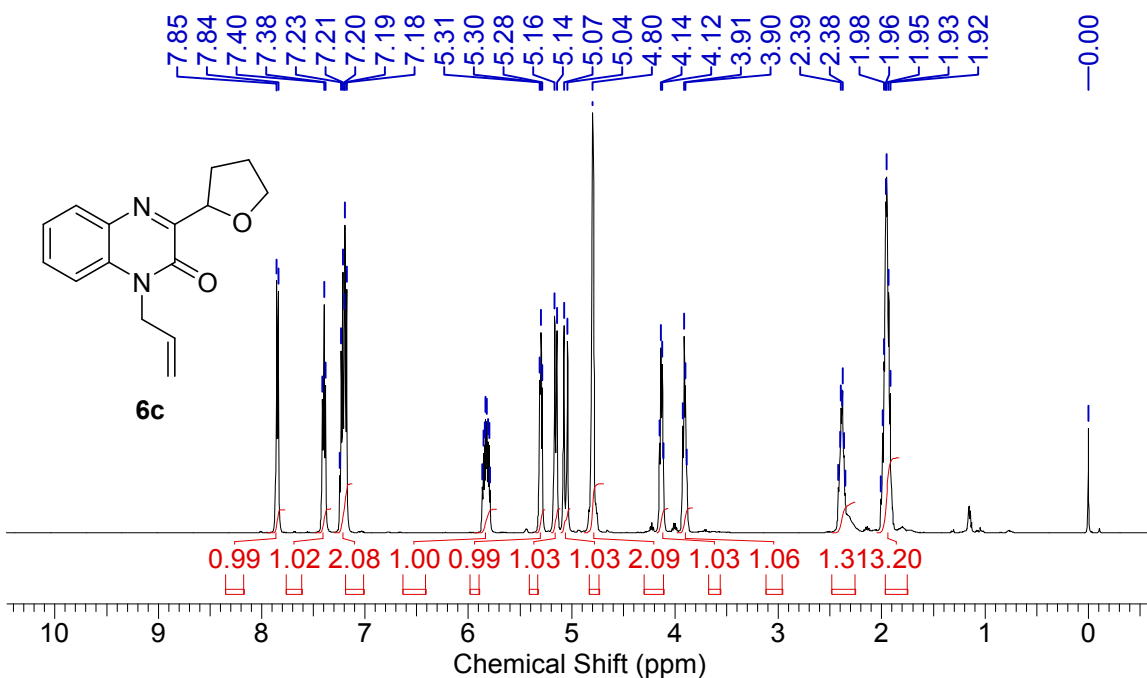
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**1-benzyl-3-(tetrahydrofuran-2-yl)quinoxalin-2(1H)-one(6b)**

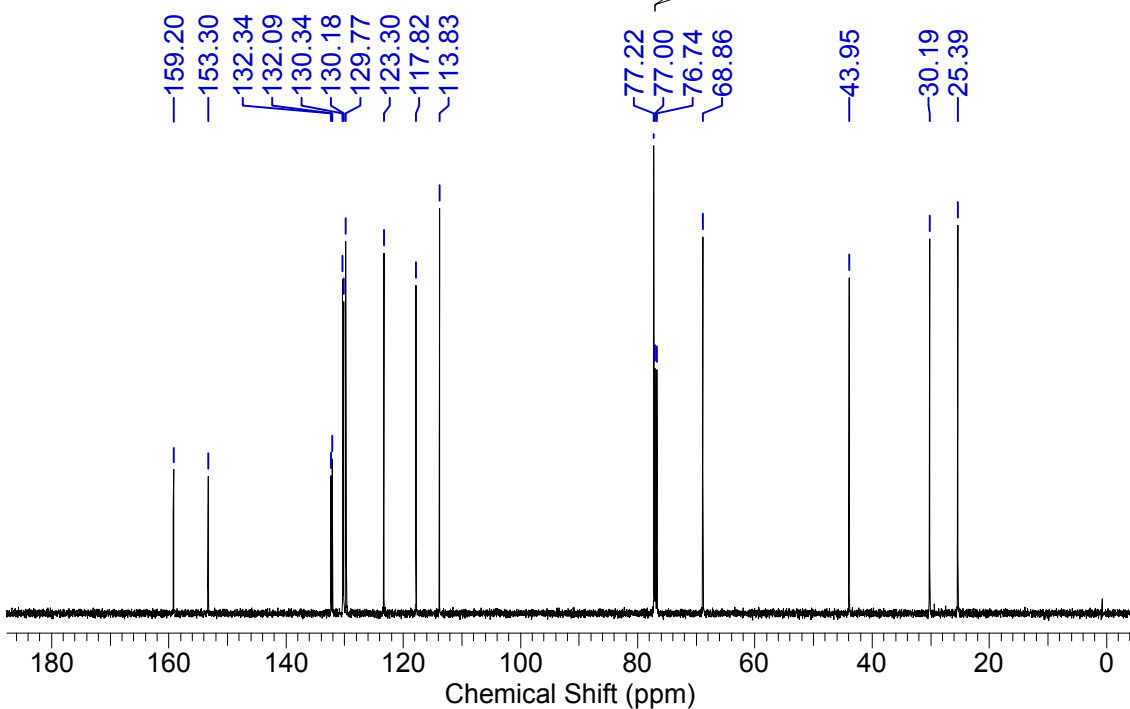
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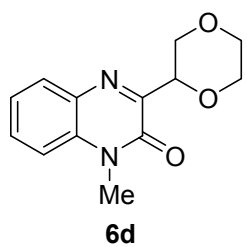
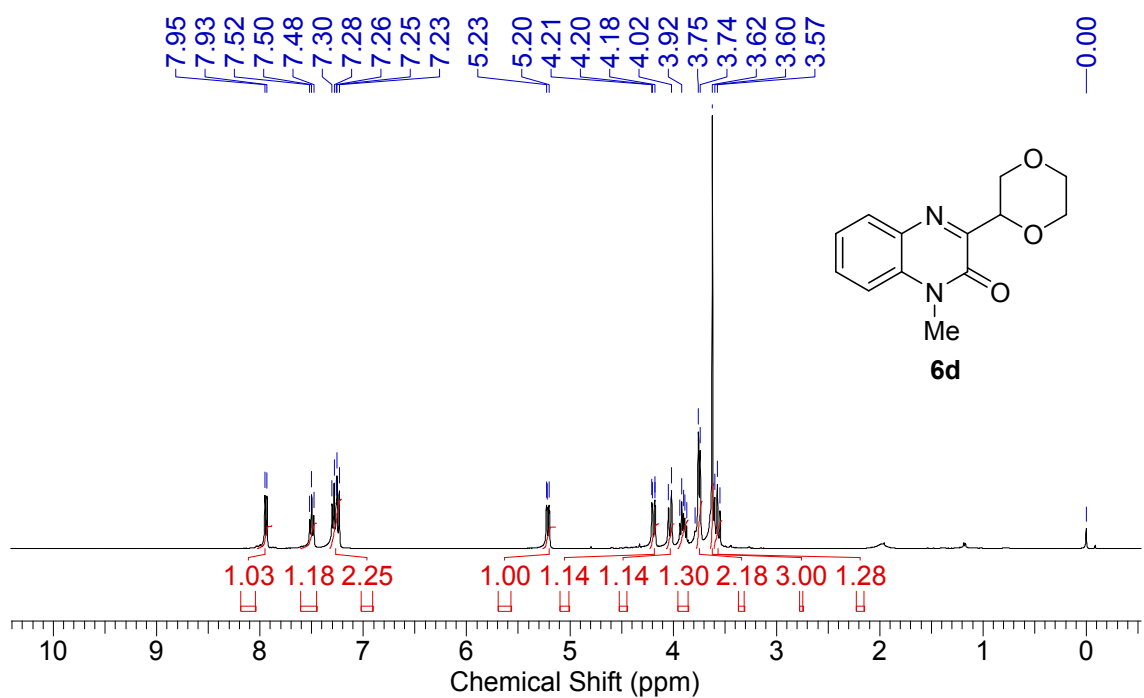
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**1-allyl-3-(tetrahydrofuran-2-yl)quinoxalin-2(1H)-one(6c)**

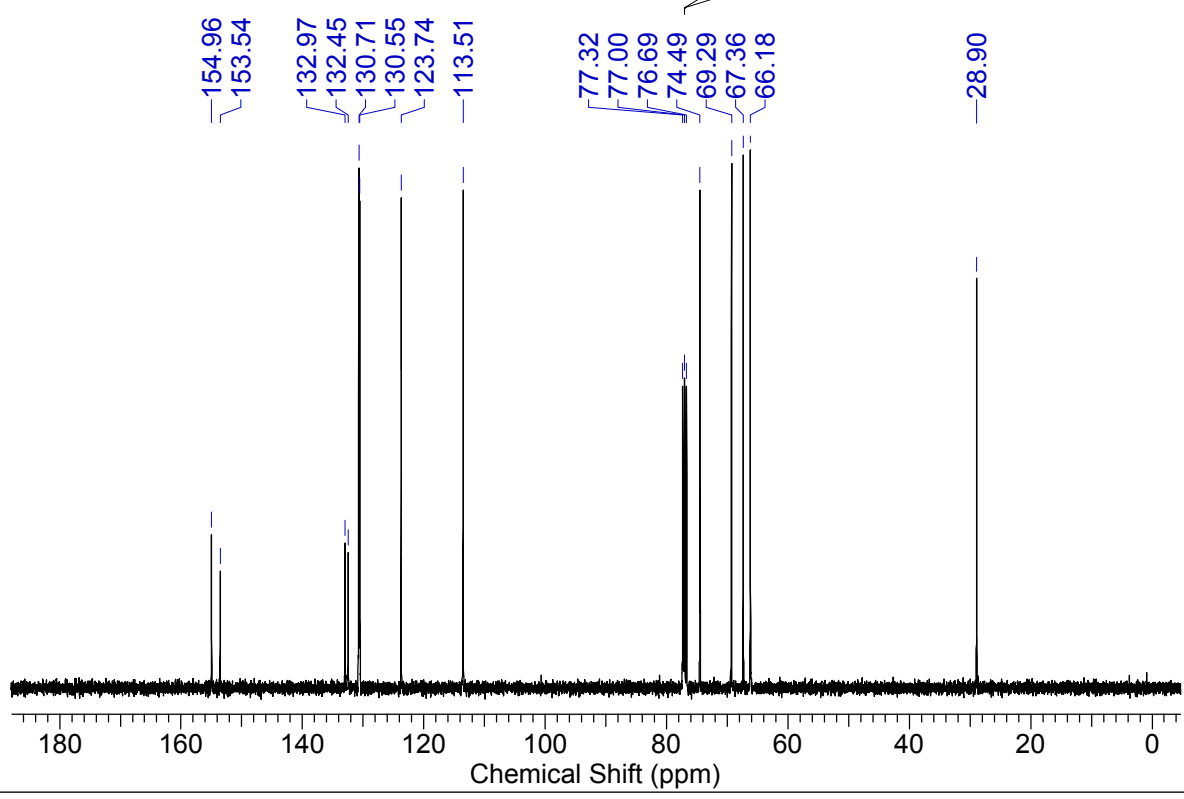
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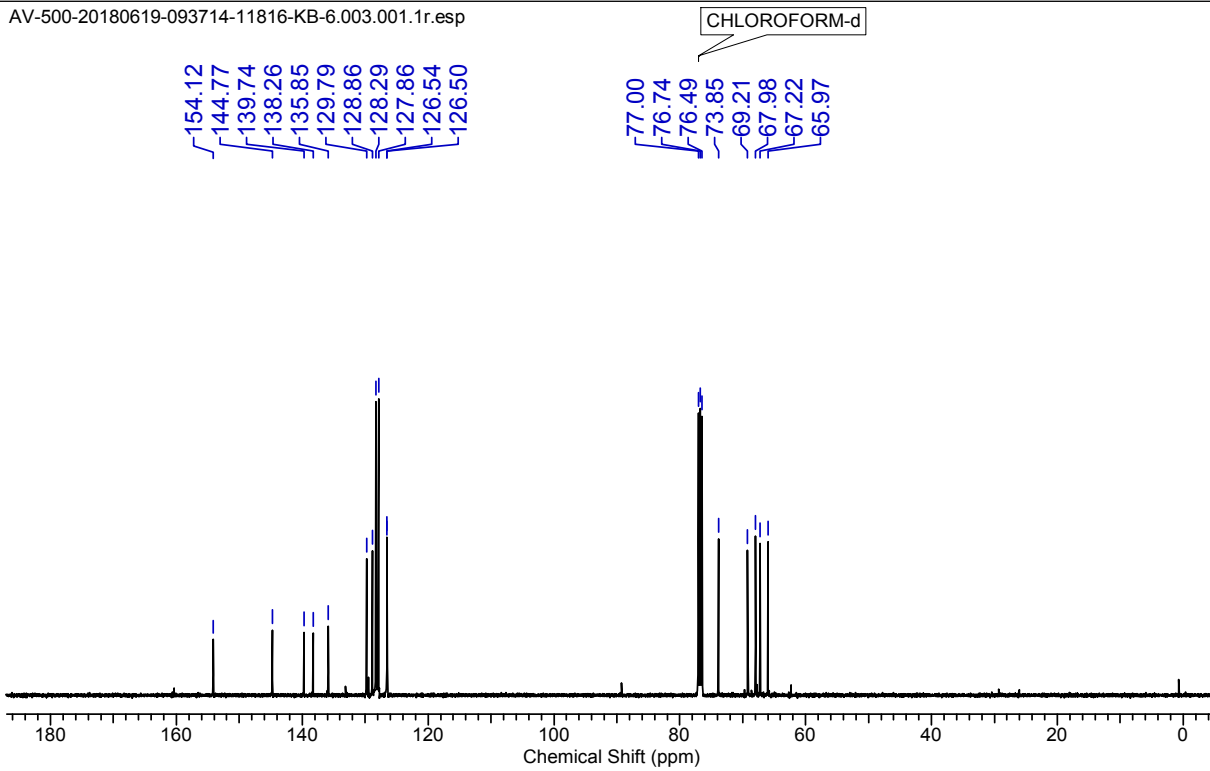
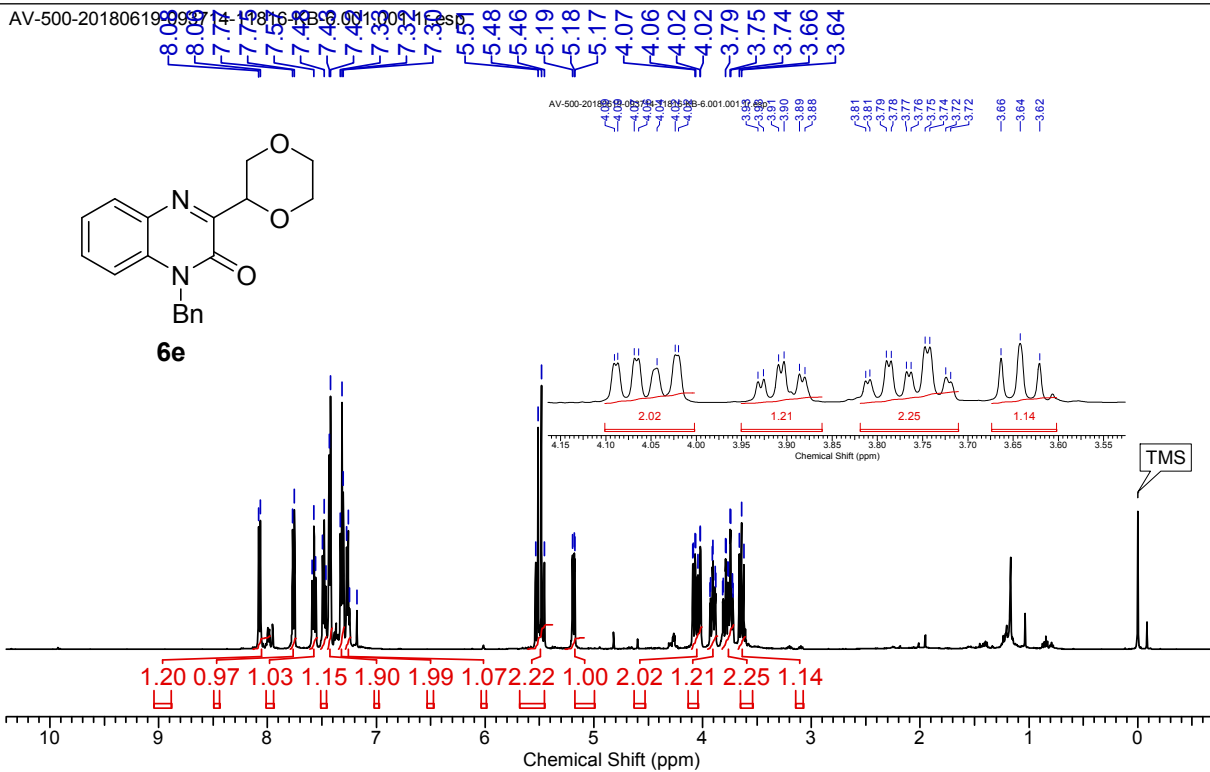


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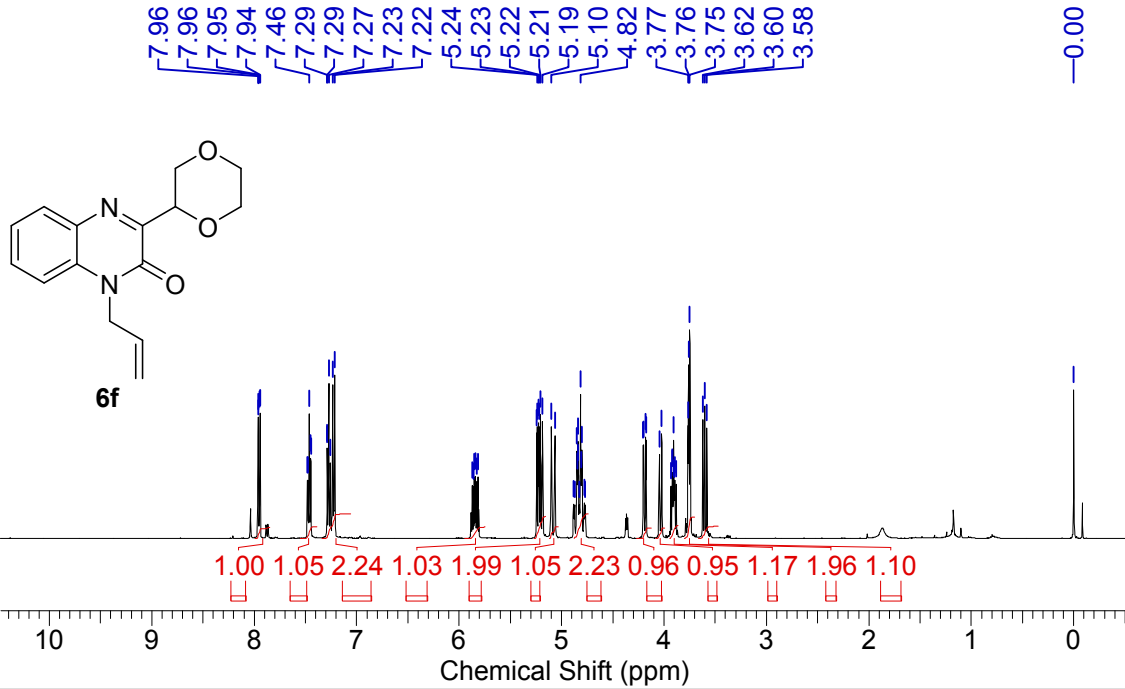
3-(1,4-dioxan-2-yl)-1-methylquinoxalin-2(1H)-one ( 6d)



**1-benzyl-3-(1,4-dioxan-2-yl)quinoxalin-2(1H)-one(6e)**

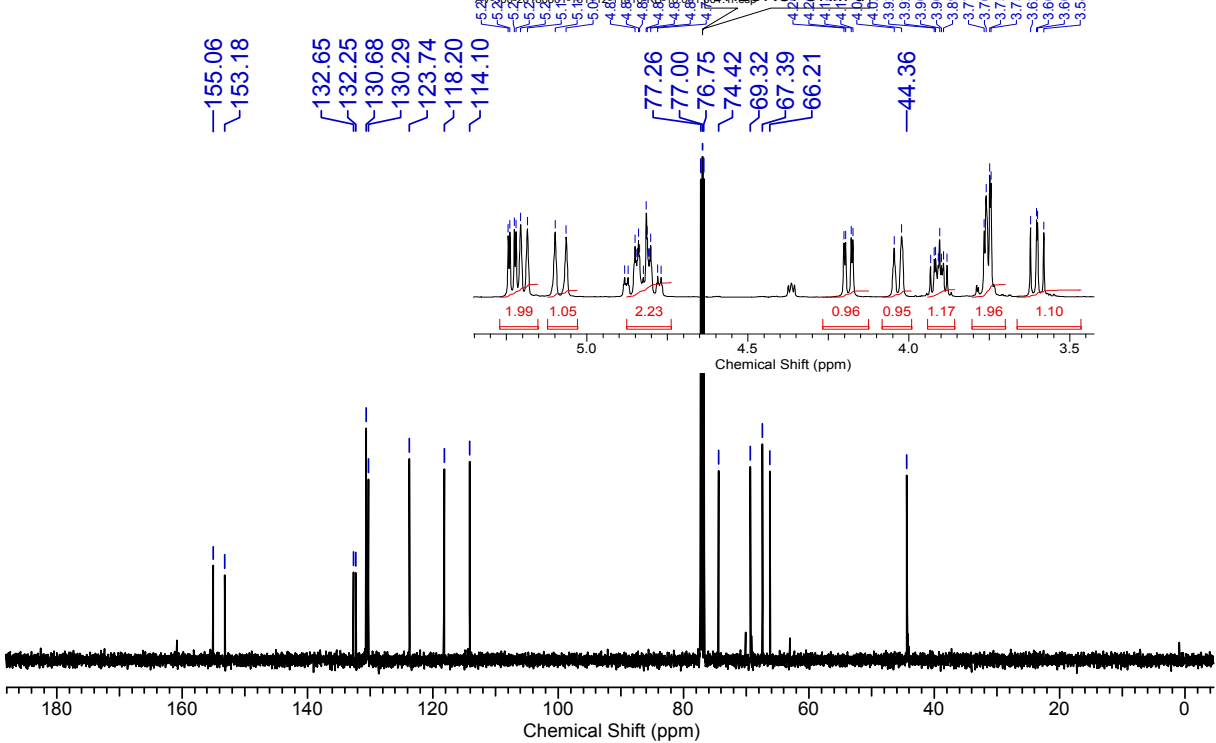
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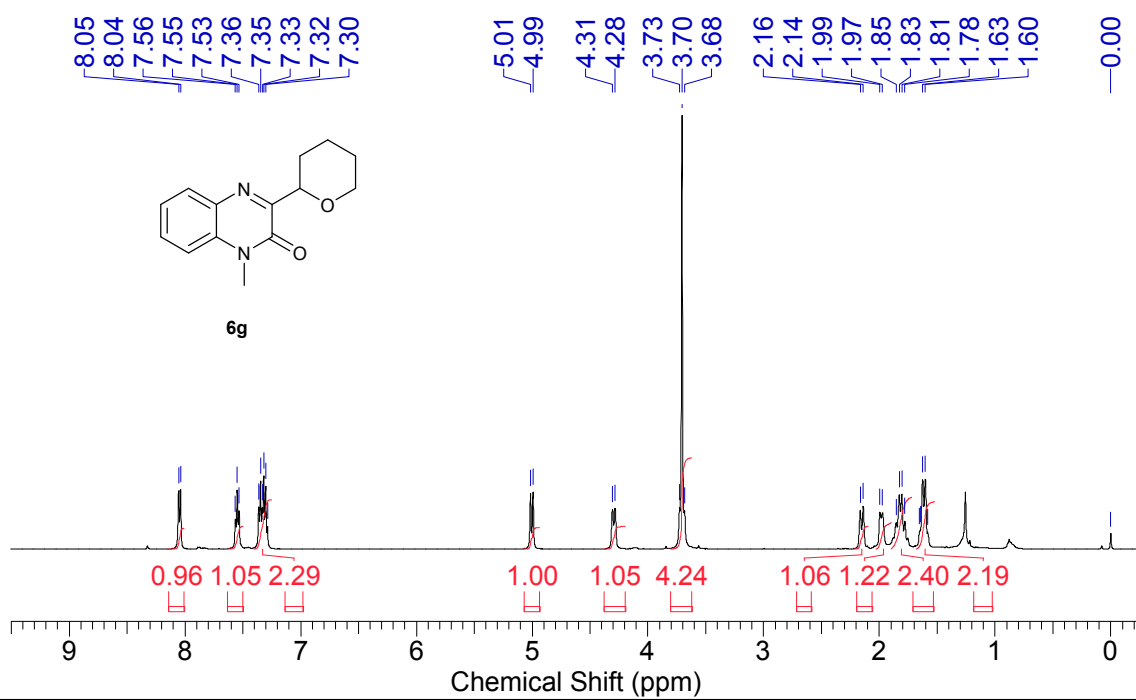
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**1-allyl-3-(1,4-dioxan-2-yl)quinoxalin-2(1H)-one(6f)**

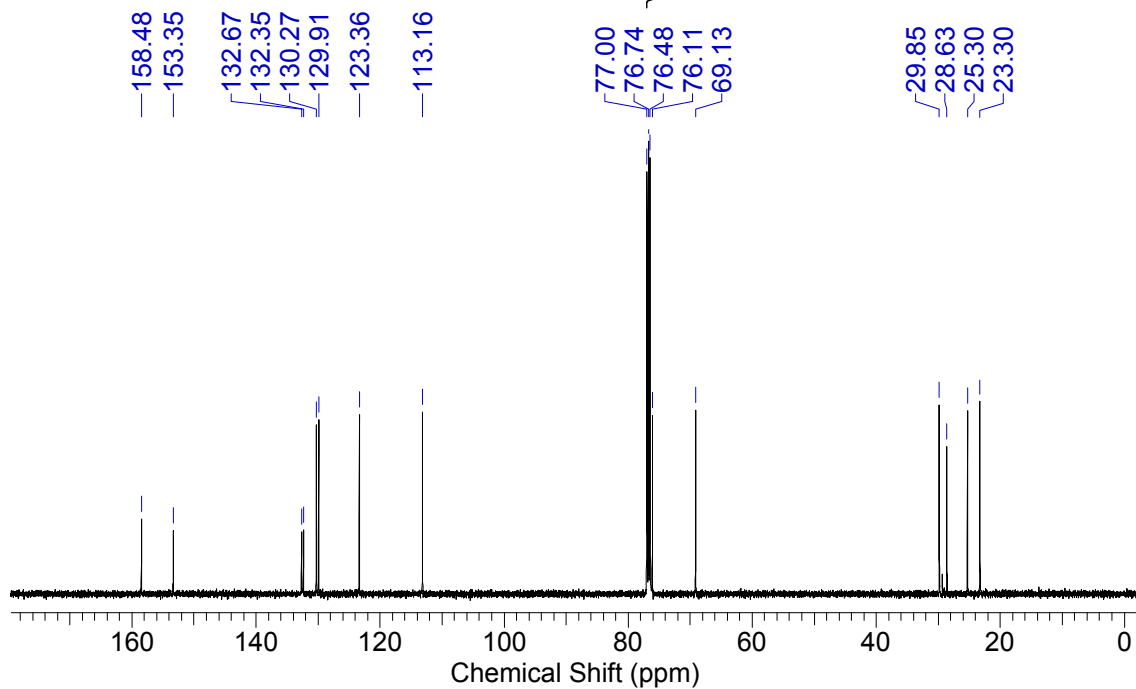
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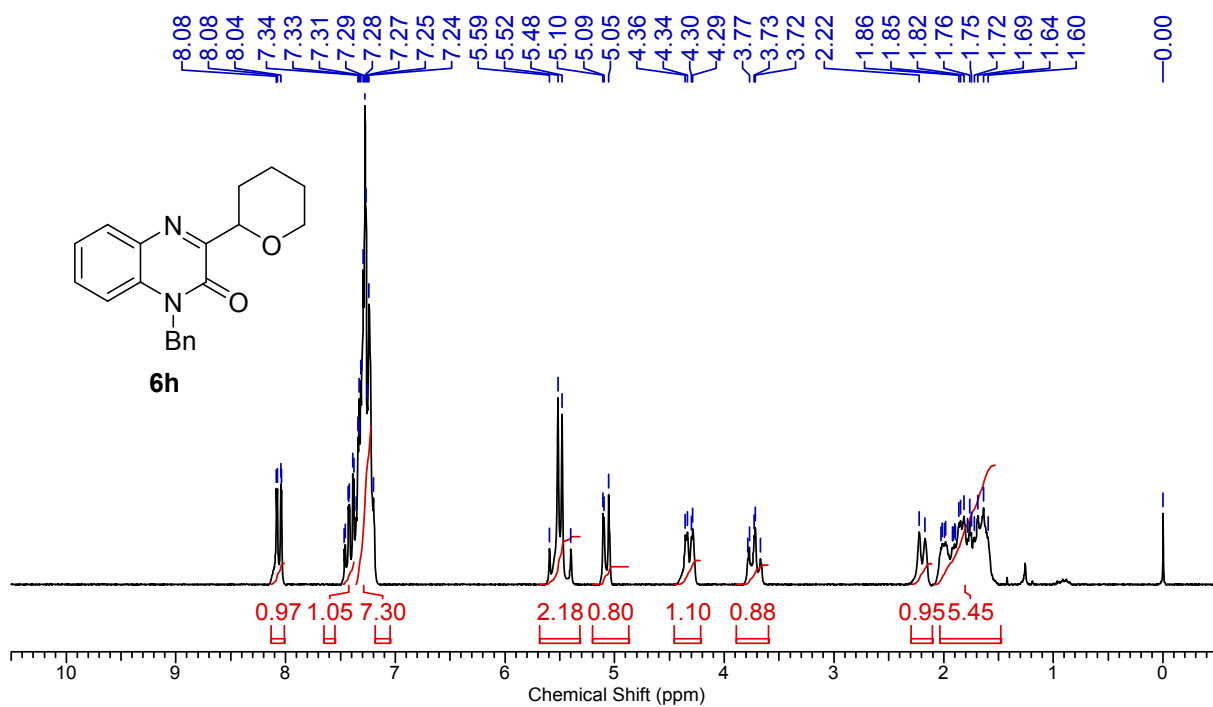


1-methyl-3-(tetrahydro-2H-pyran-2-yl)quinoxalin-2(1H)-one(6g)



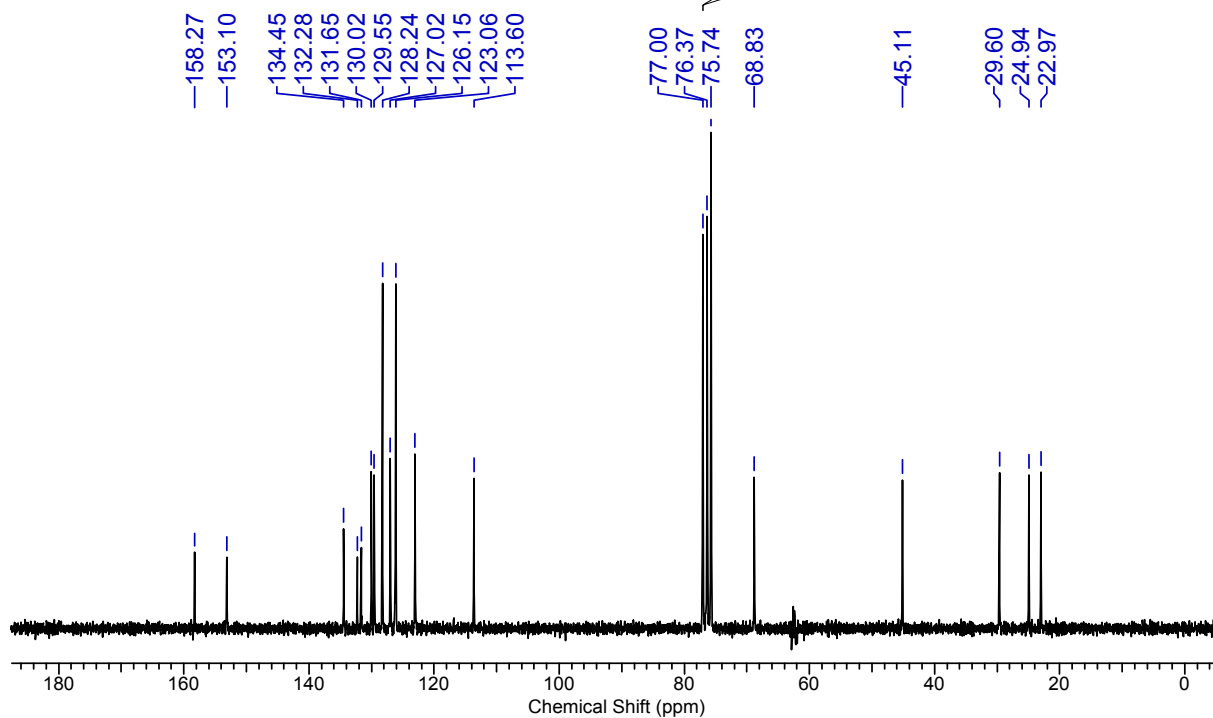
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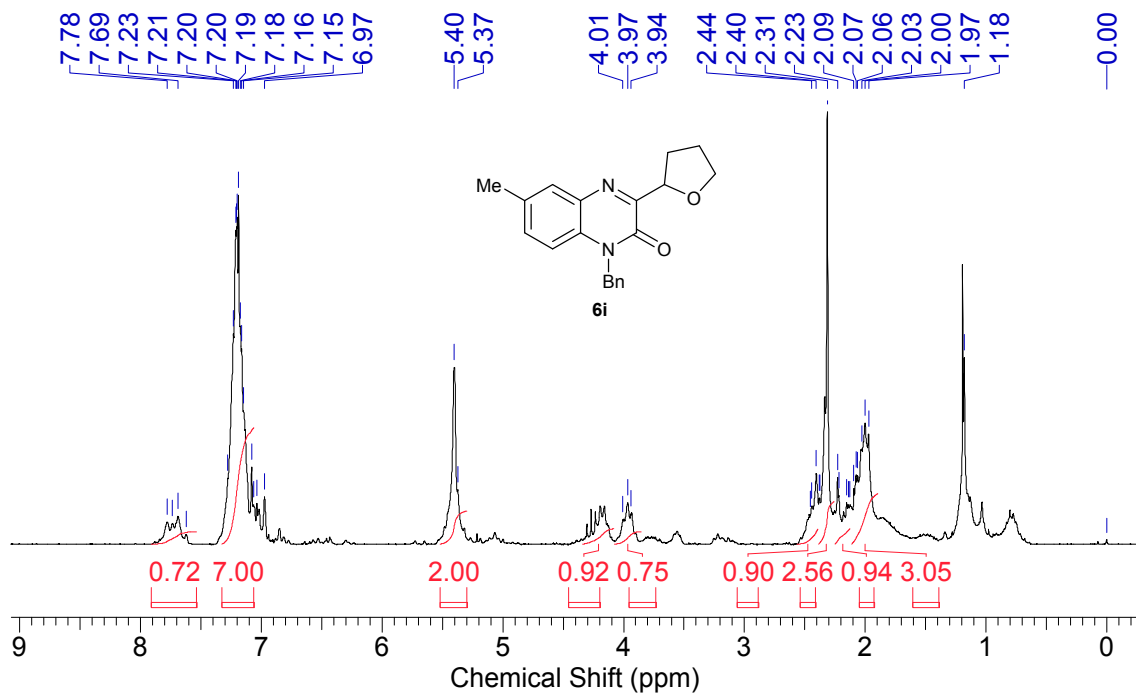


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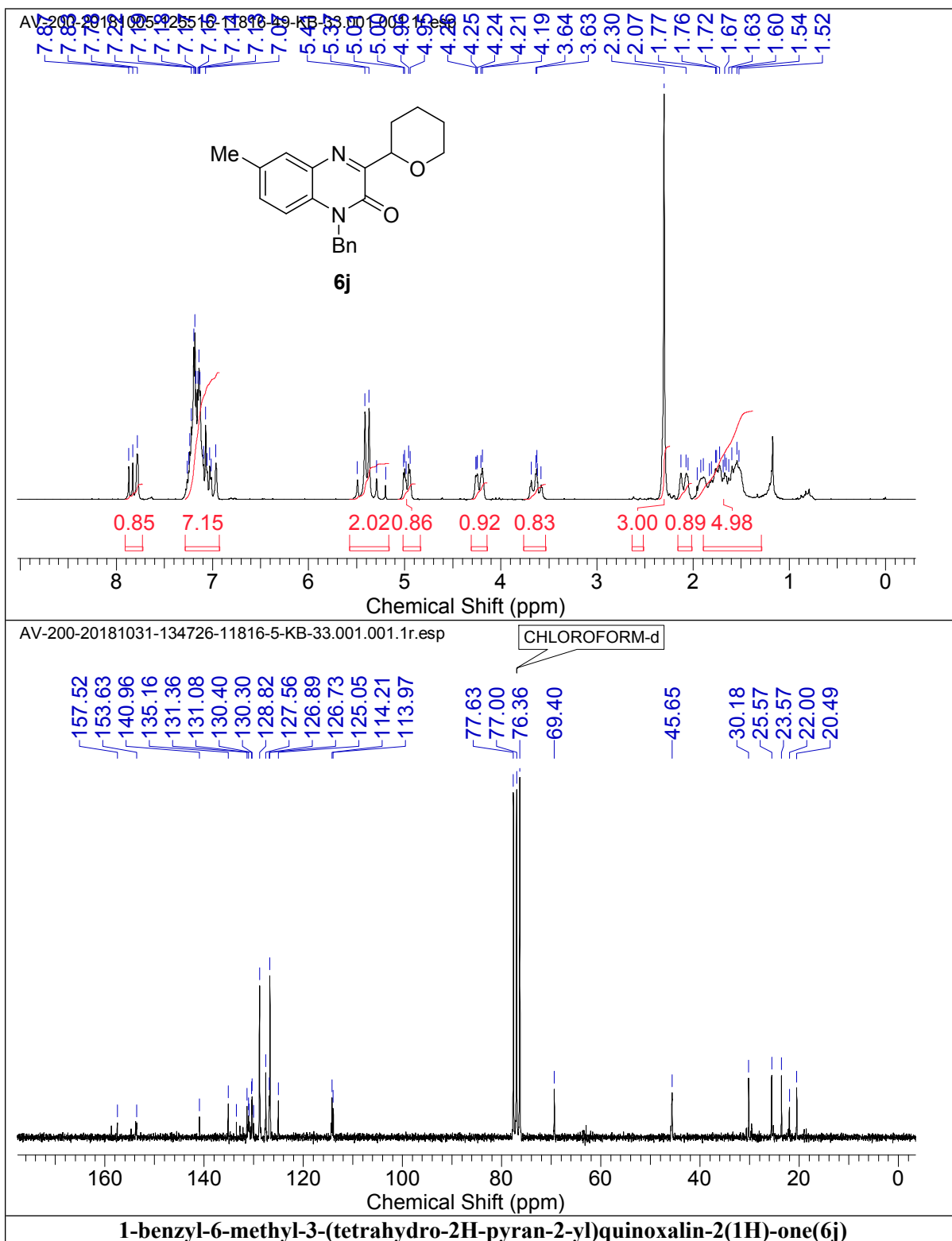
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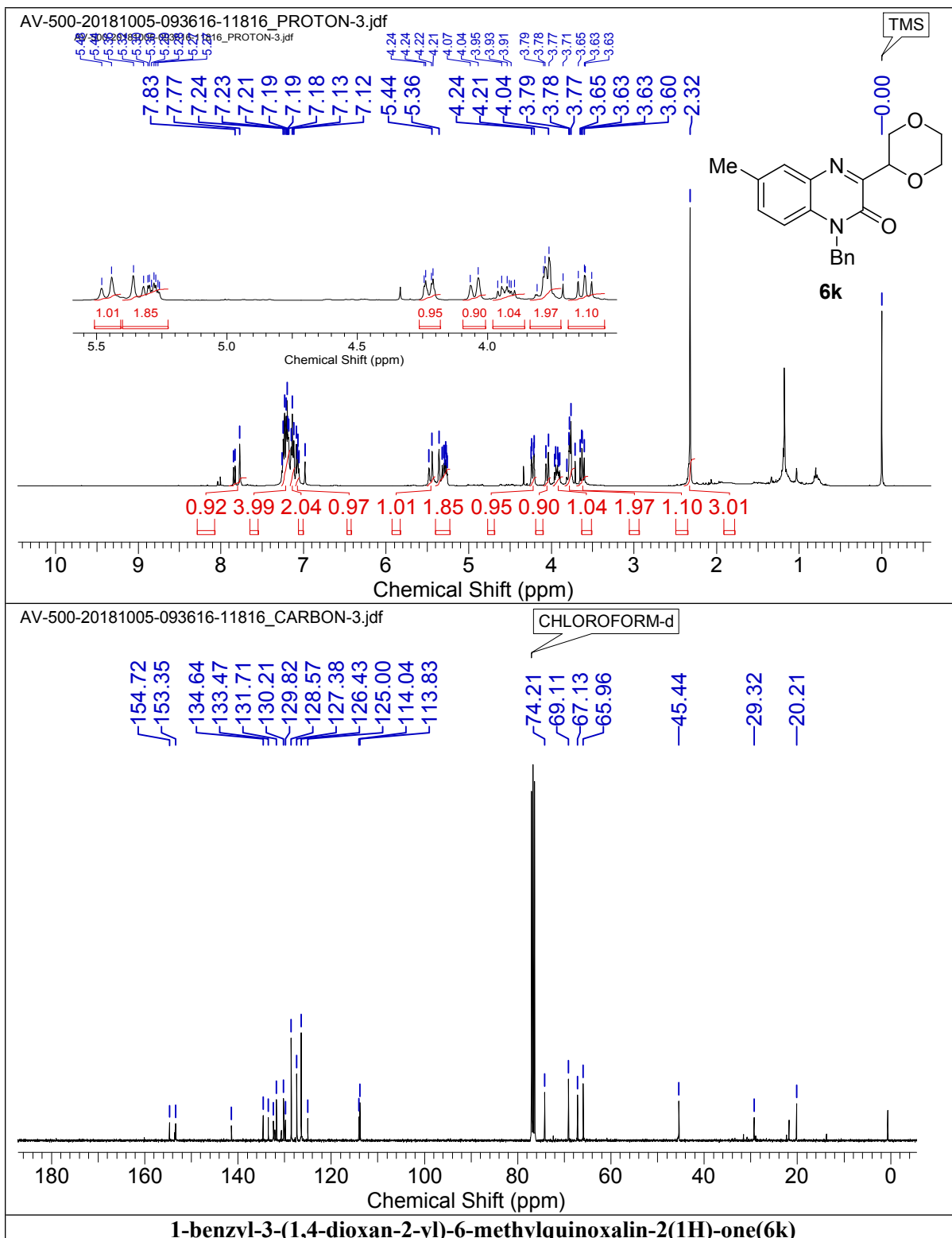


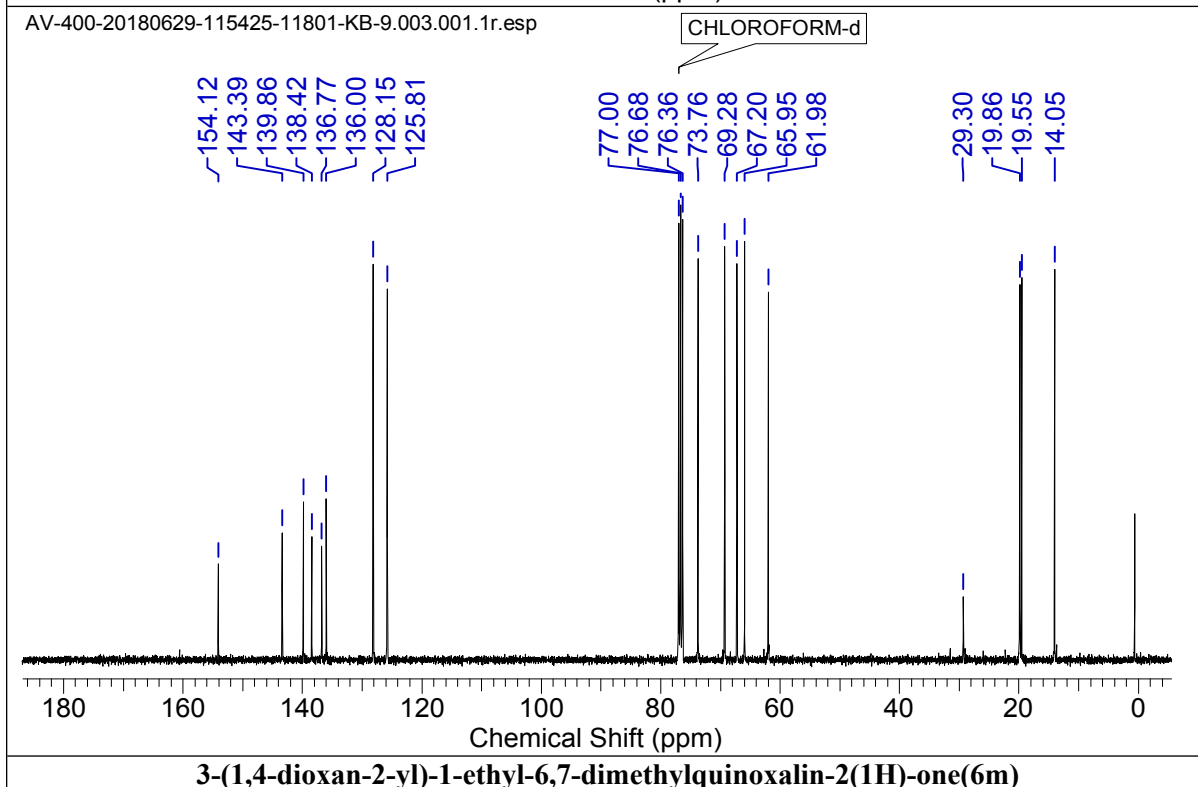
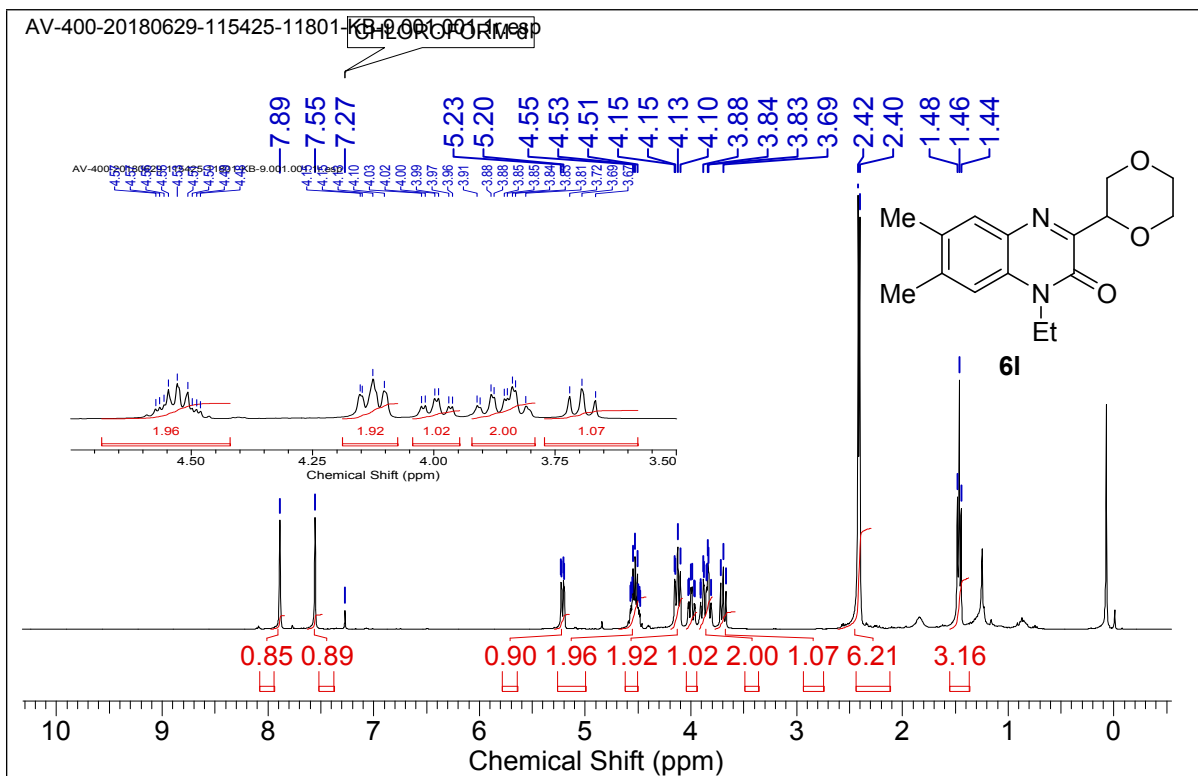
**1-benzyl-3-(tetrahydro-2H-pyran-2-yl)quinoxalin-2(1H)-one(6h)**



**1-methyl-3-(tetrahydrofuran-2-yl)quinoxalin-2(1H)-one(6i)**

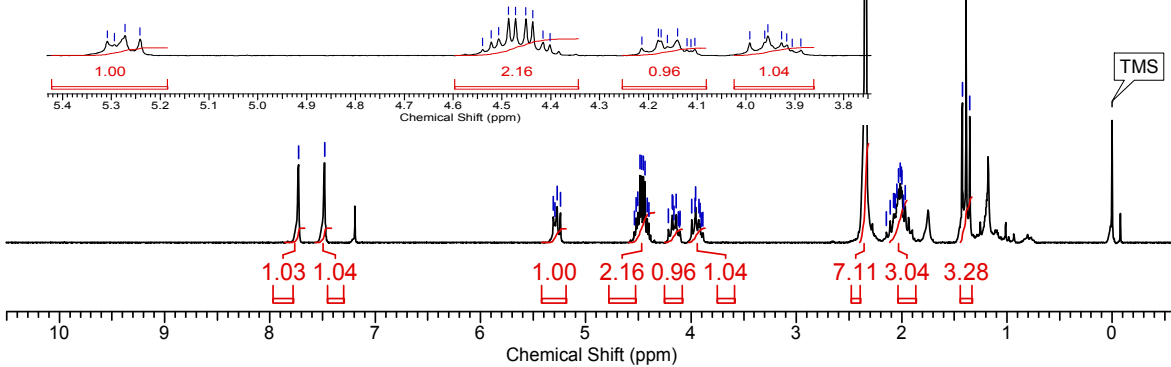
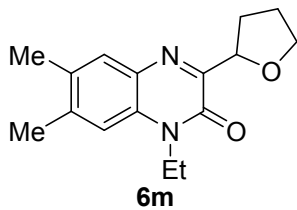




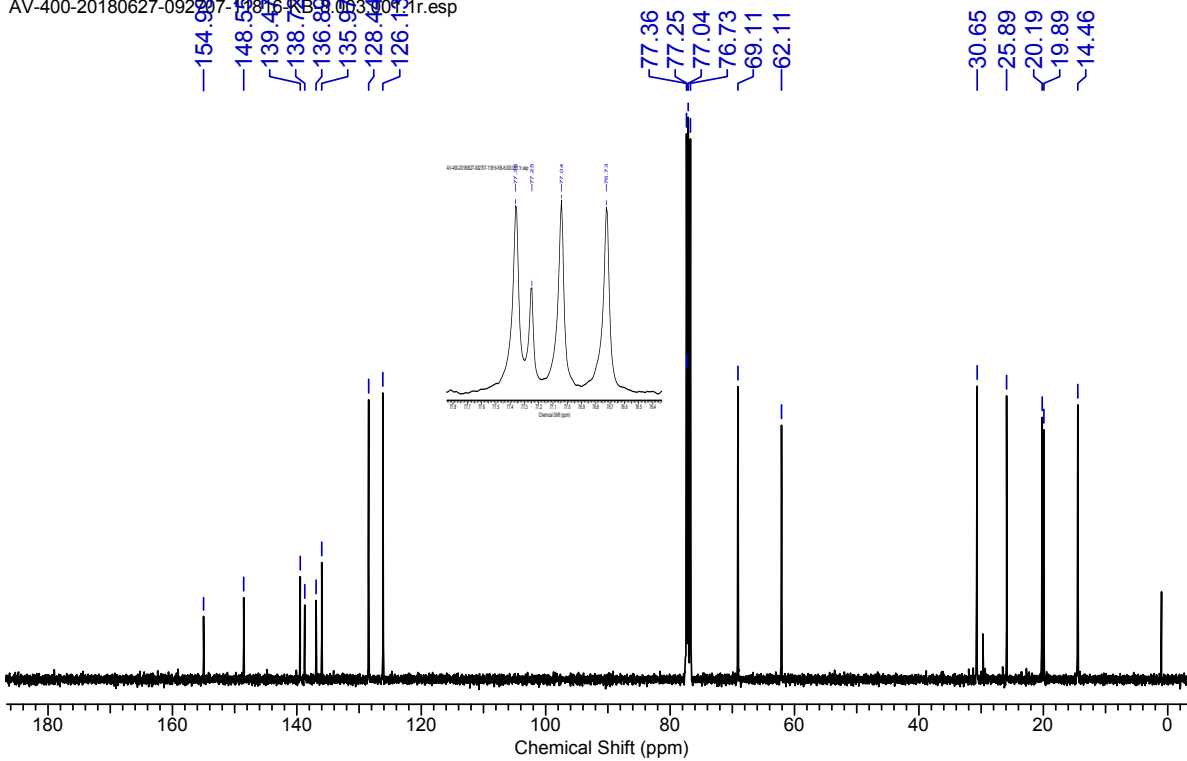


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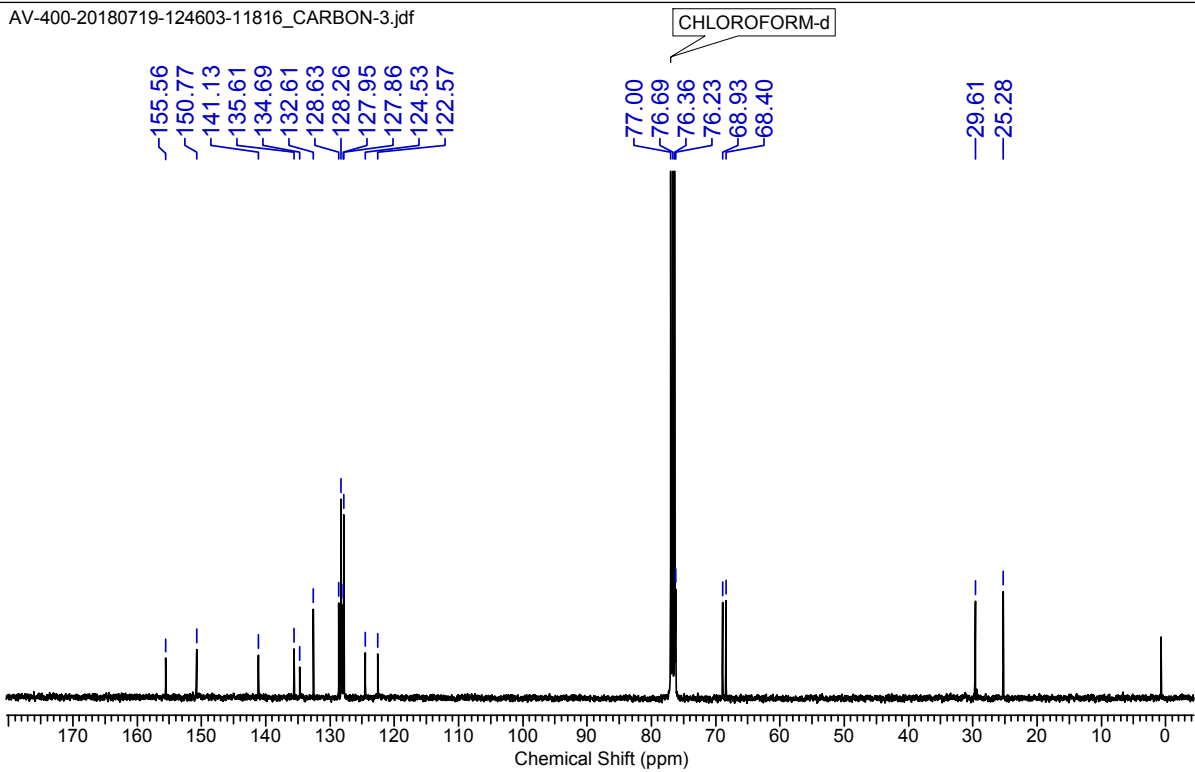
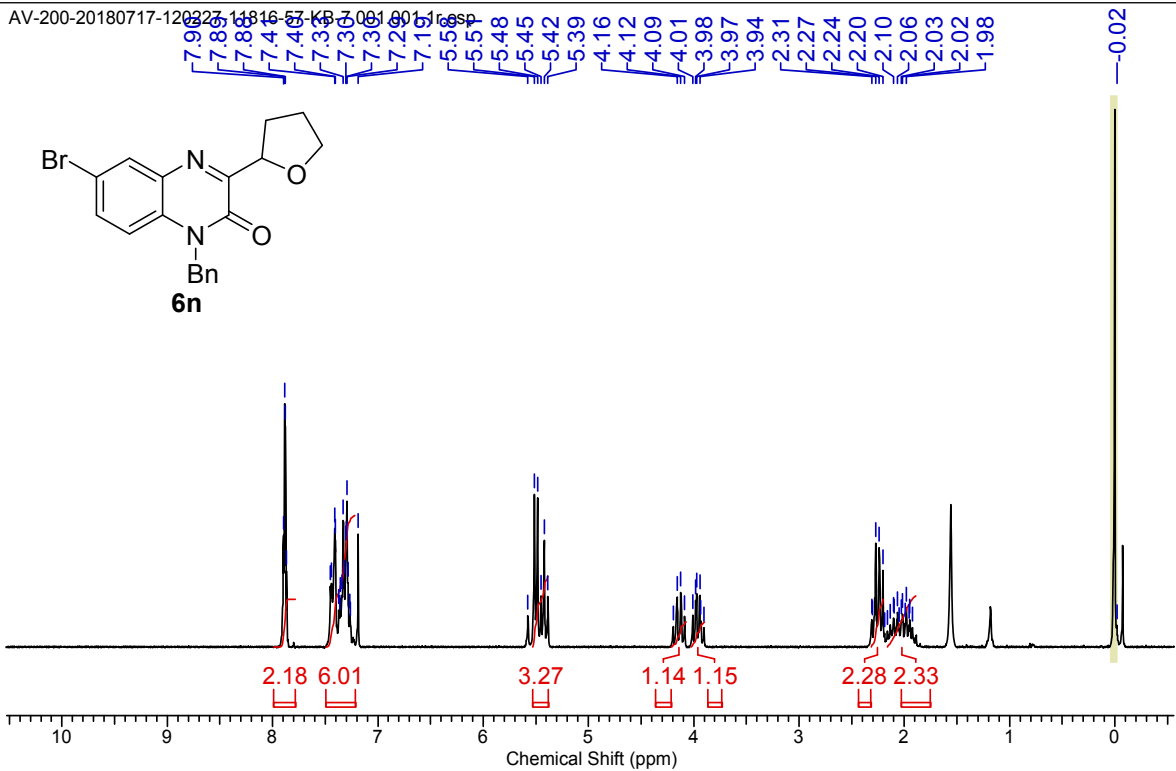
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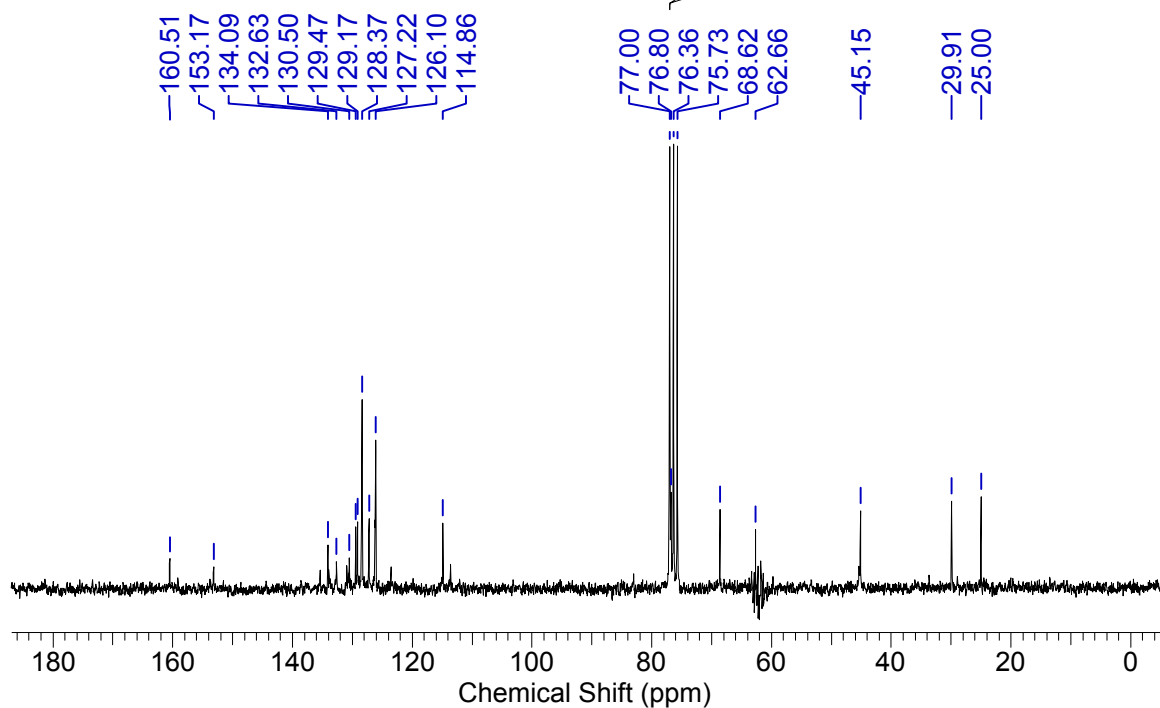
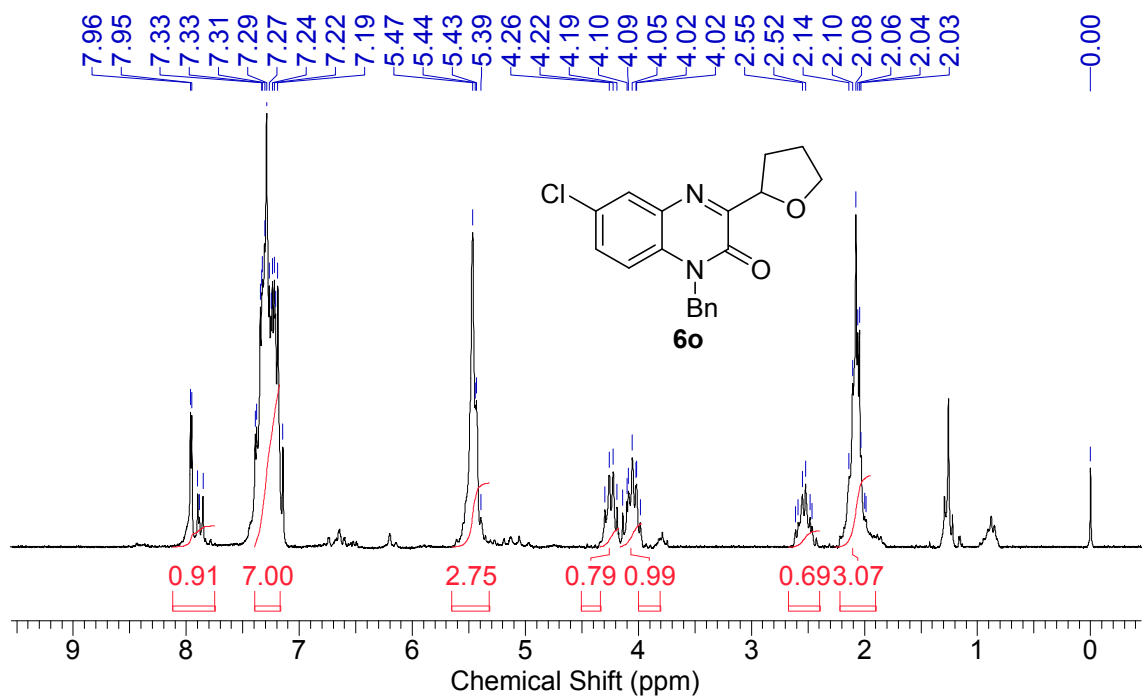
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**1-ethyl-6,7-dimethyl-3-(tetrahydrofuran-2-yl)quinoxalin-2(1H)-one(6n)**

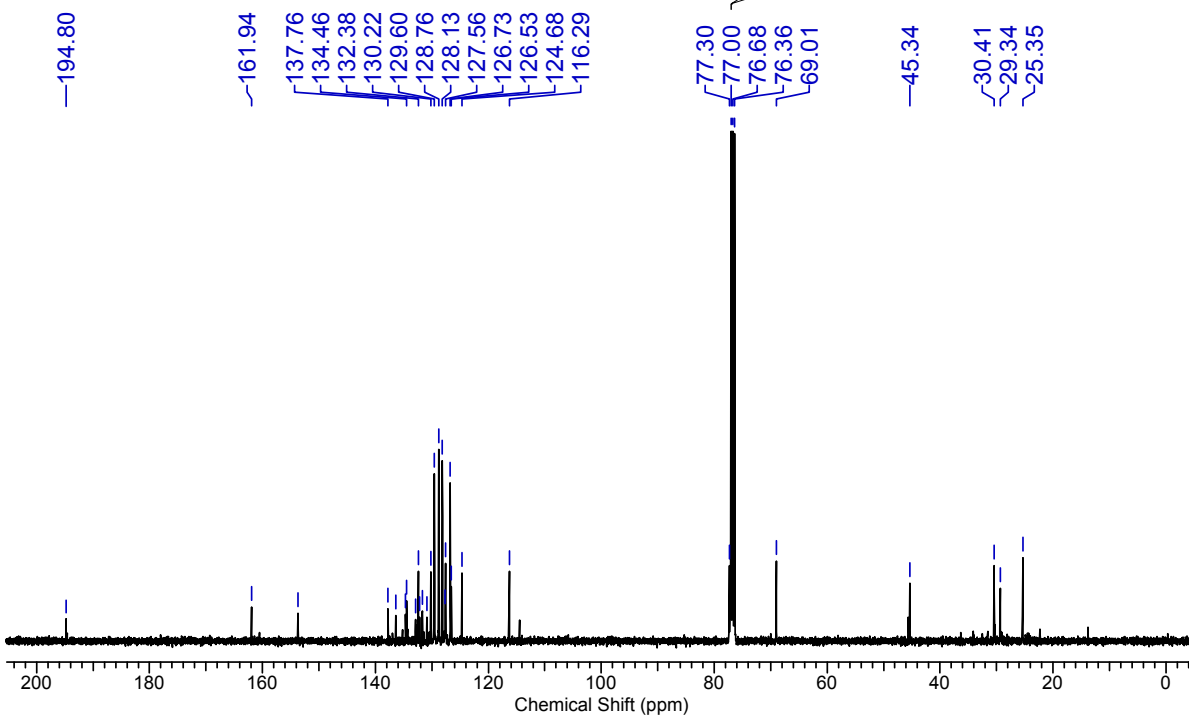
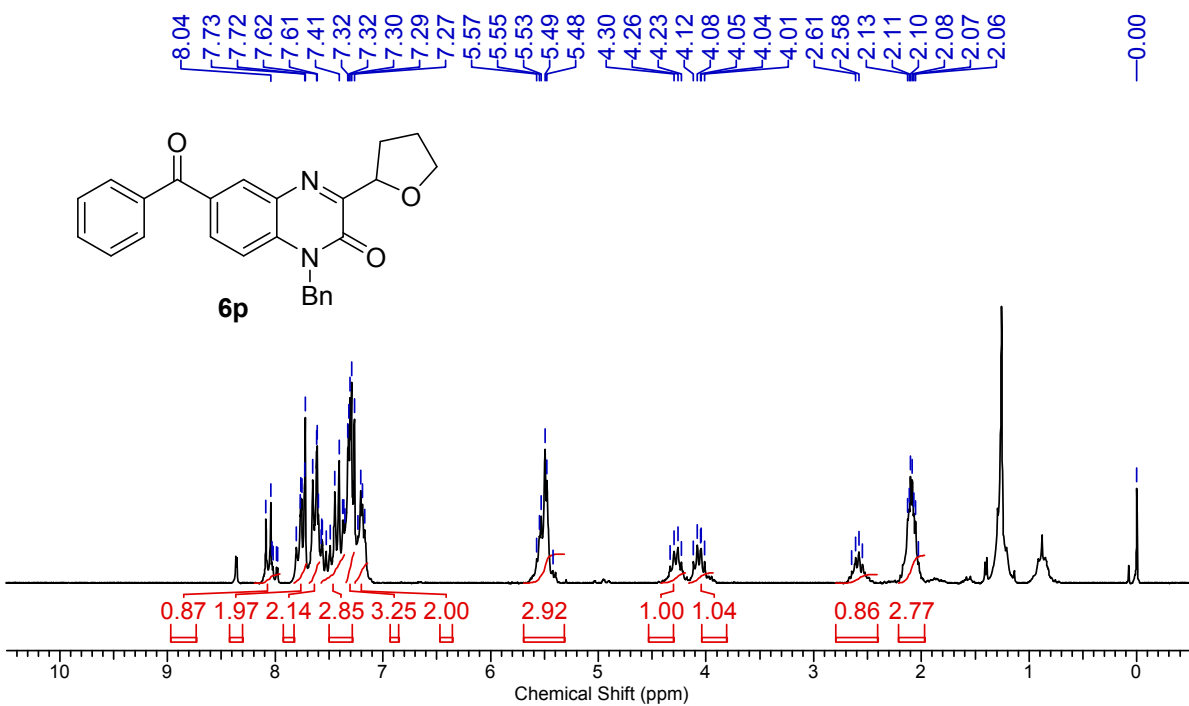


**1-benzyl-6-bromo-3-(tetrahydrofuran-2-yl)quinoxalin-2(1H)-one(6o)**

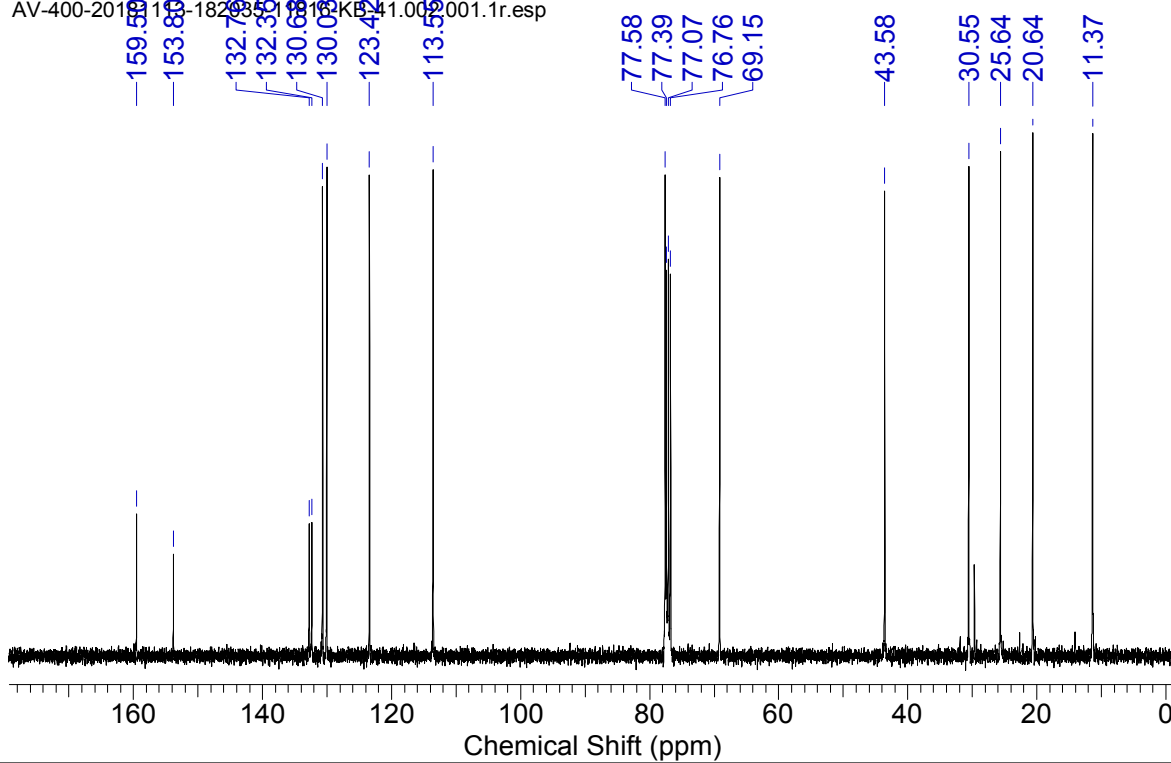
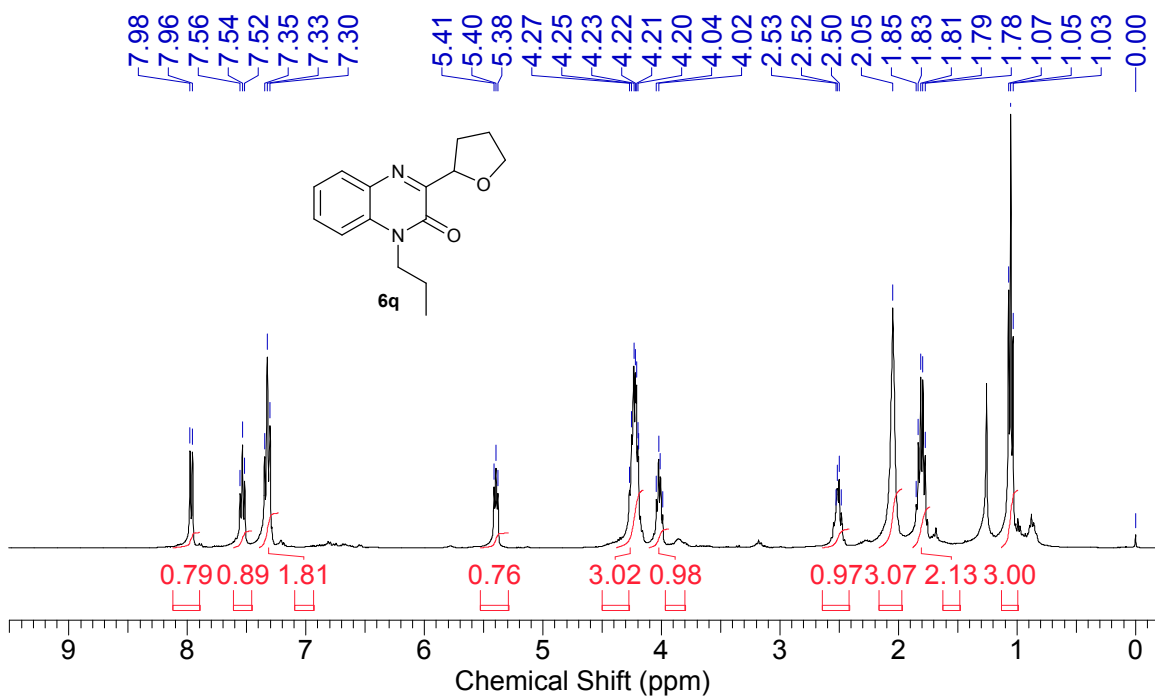


**1-benzyl-6-chloro-3-(tetrahydrofuran-2-yl)quinoxalin-2(1H)-one(6p)**

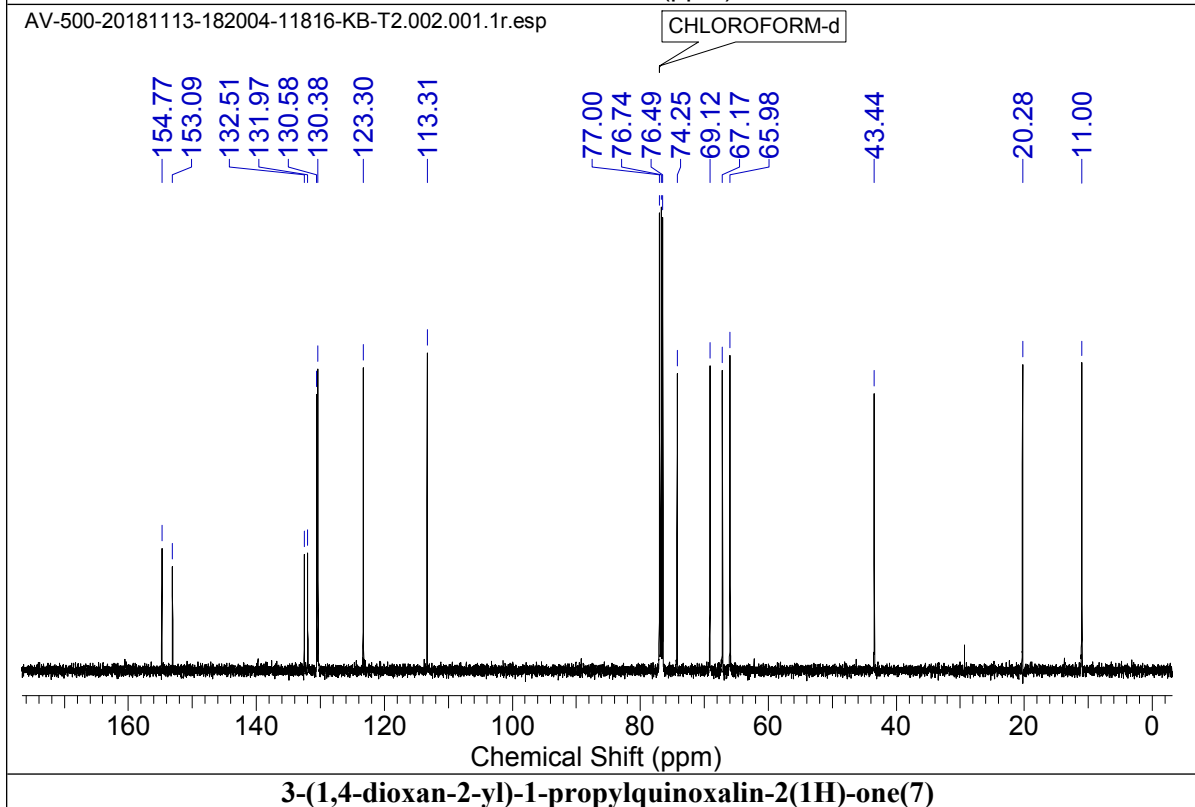
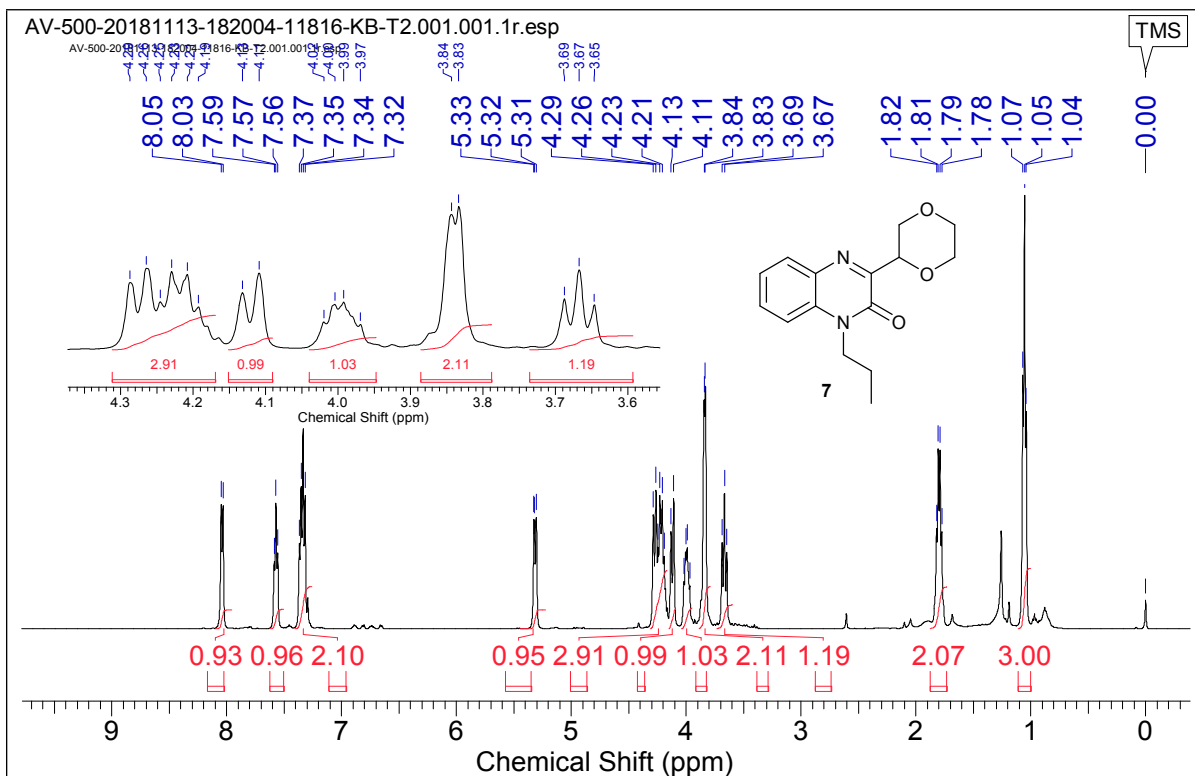


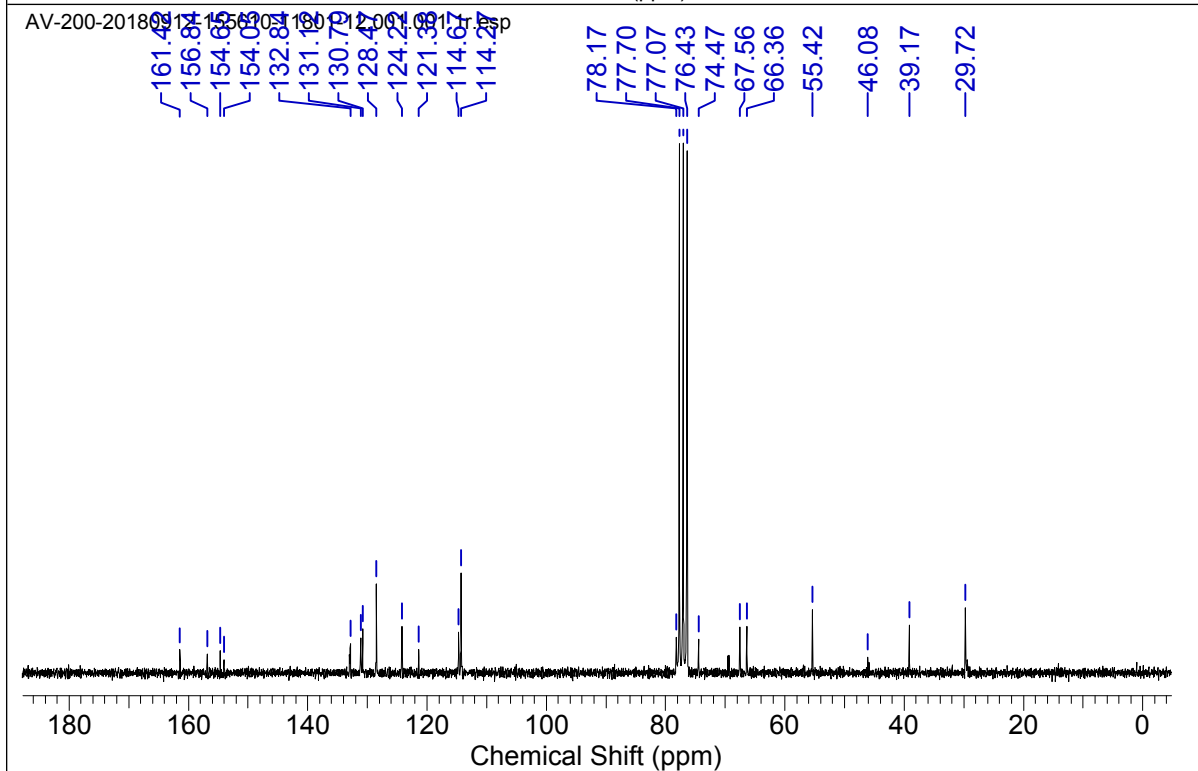
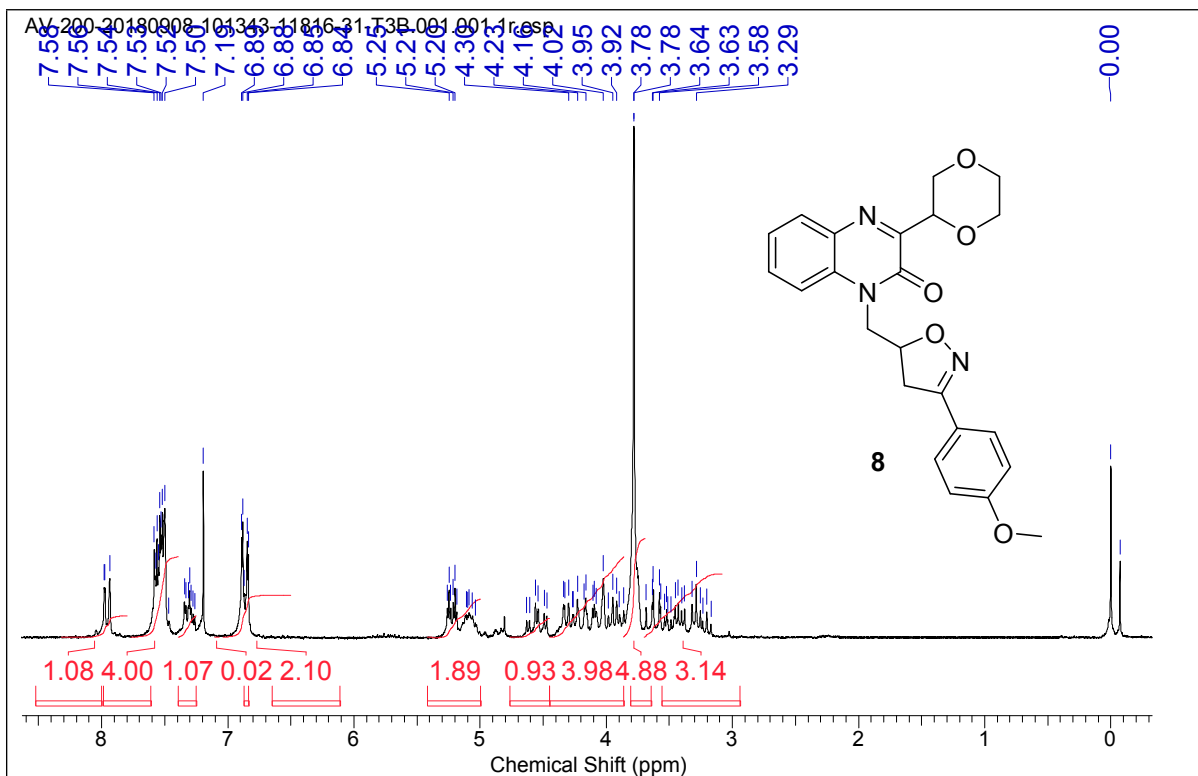


**6-benzoyl-1-benzyl-3-(tetrahydrofuran-2-yl)quinoxalin-2(1H)-one(6q)**



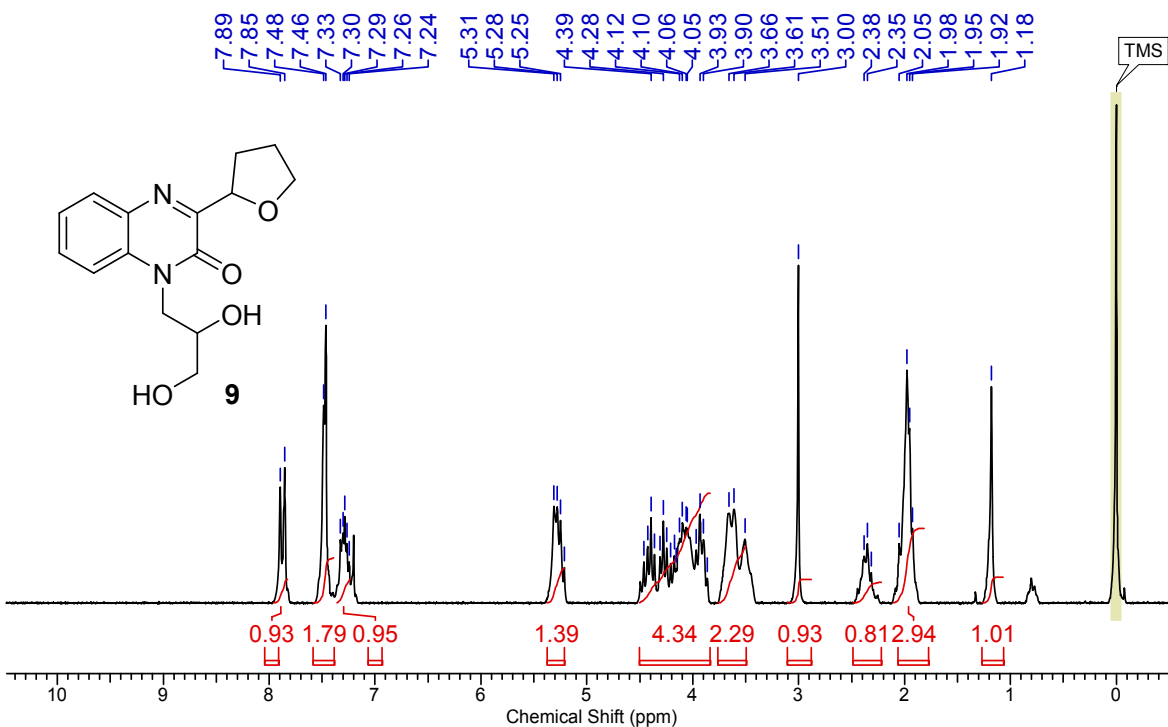
**1-propyl-3-(tetrahydrofuran-2-yl)quinoxalin-2(1H)-one(6r)**



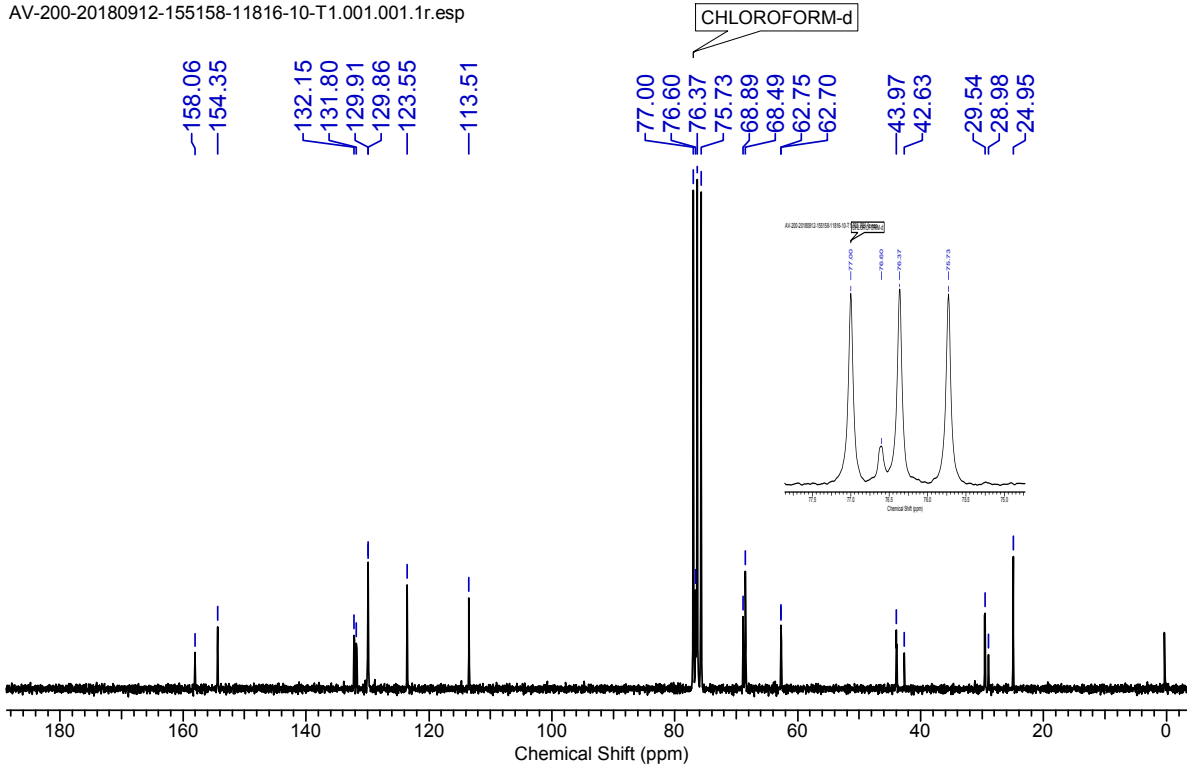


**3-(1,4-dioxan-2-yl)-1-((3-(4-methoxyphenyl)-4,5-dihydroisoxazol-5-yl)methyl)quinoxalin-2(1H)-one(8)**

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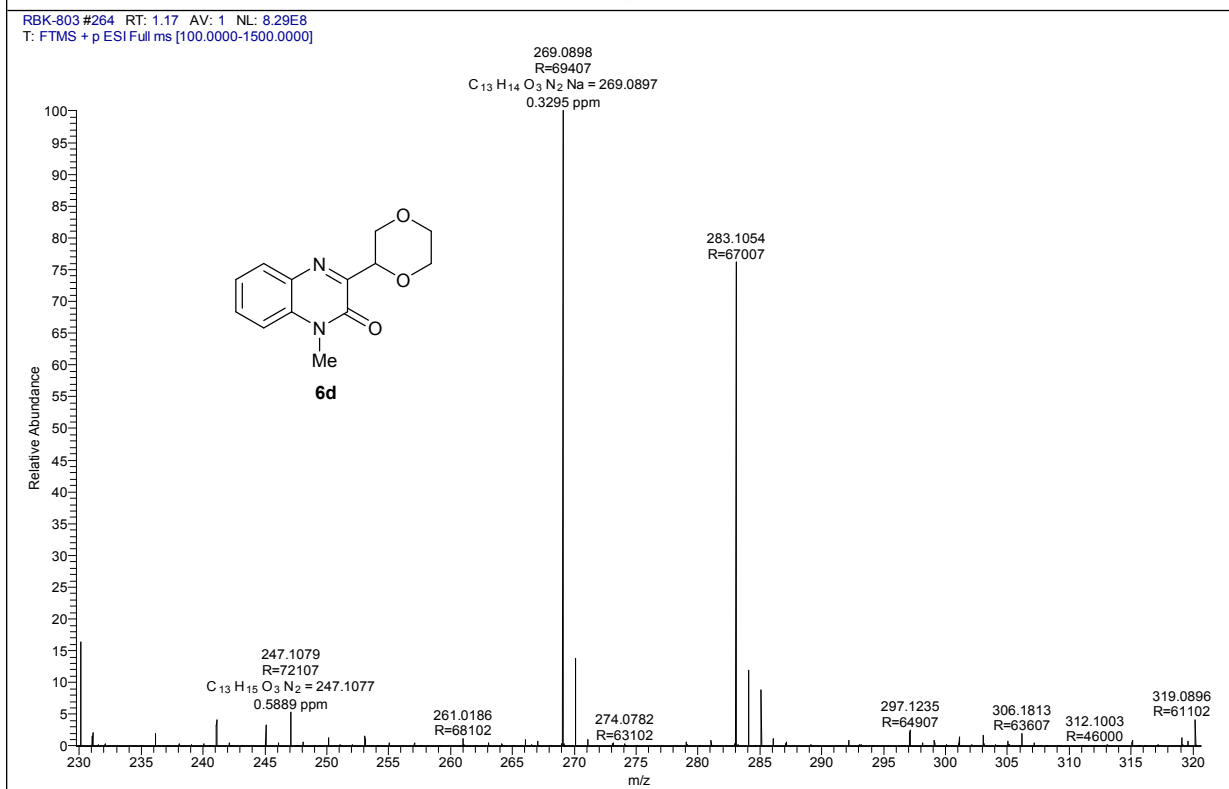
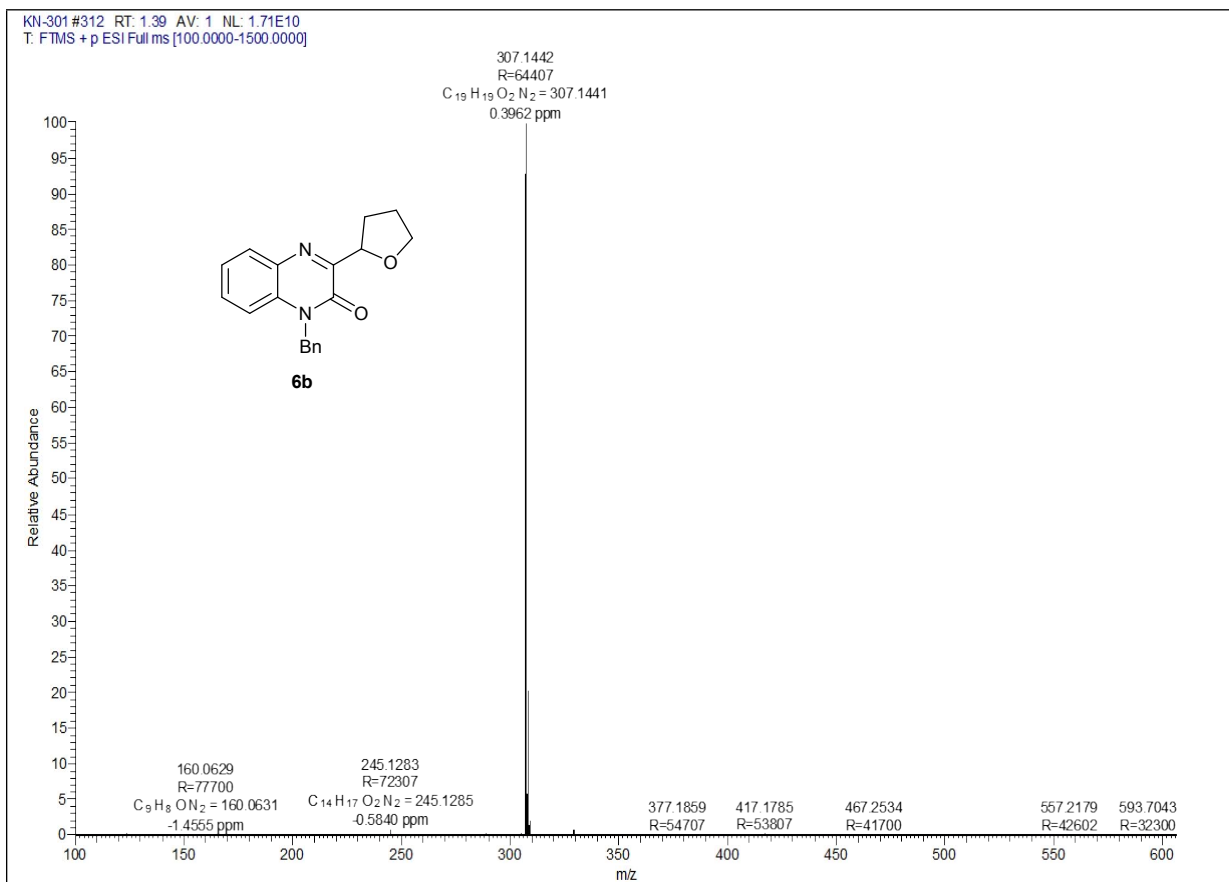


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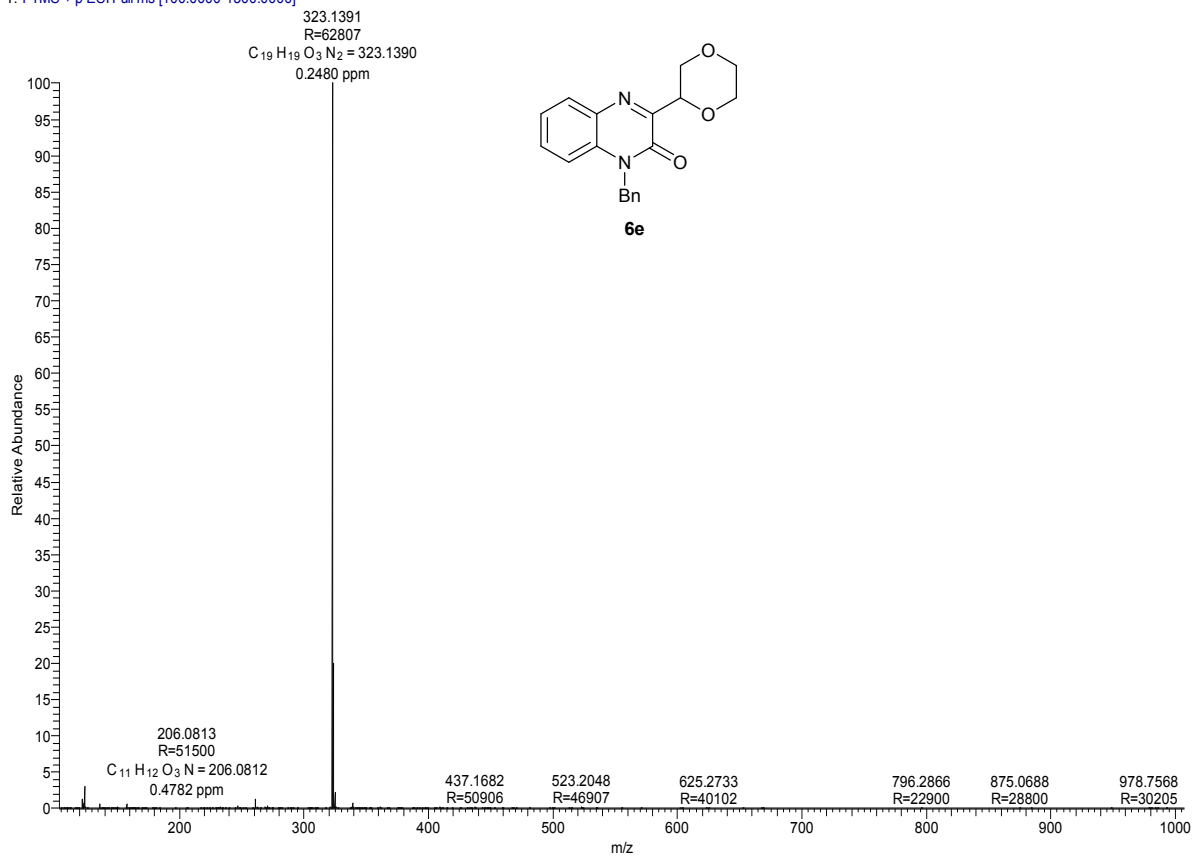


**1-(2,3-dihydroxypropyl)-3-(tetrahydrofuran-2-yl)quinoxalin-2(1H)-one(9)**

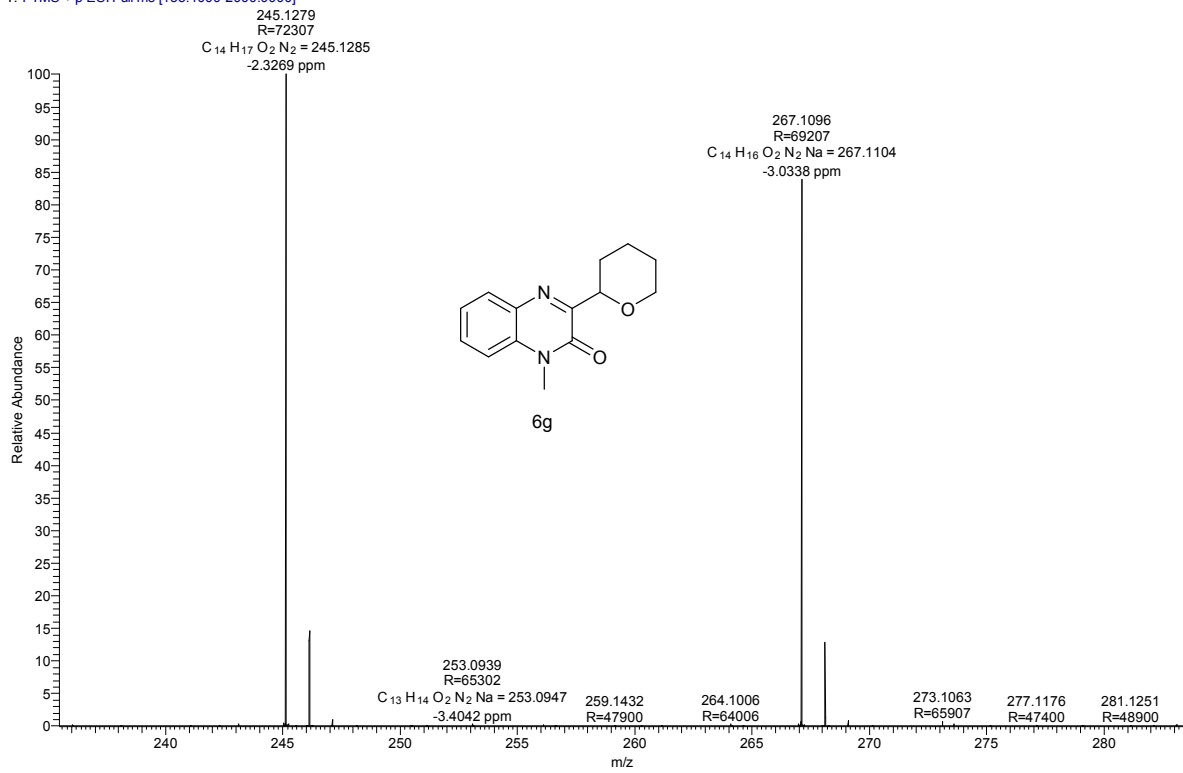
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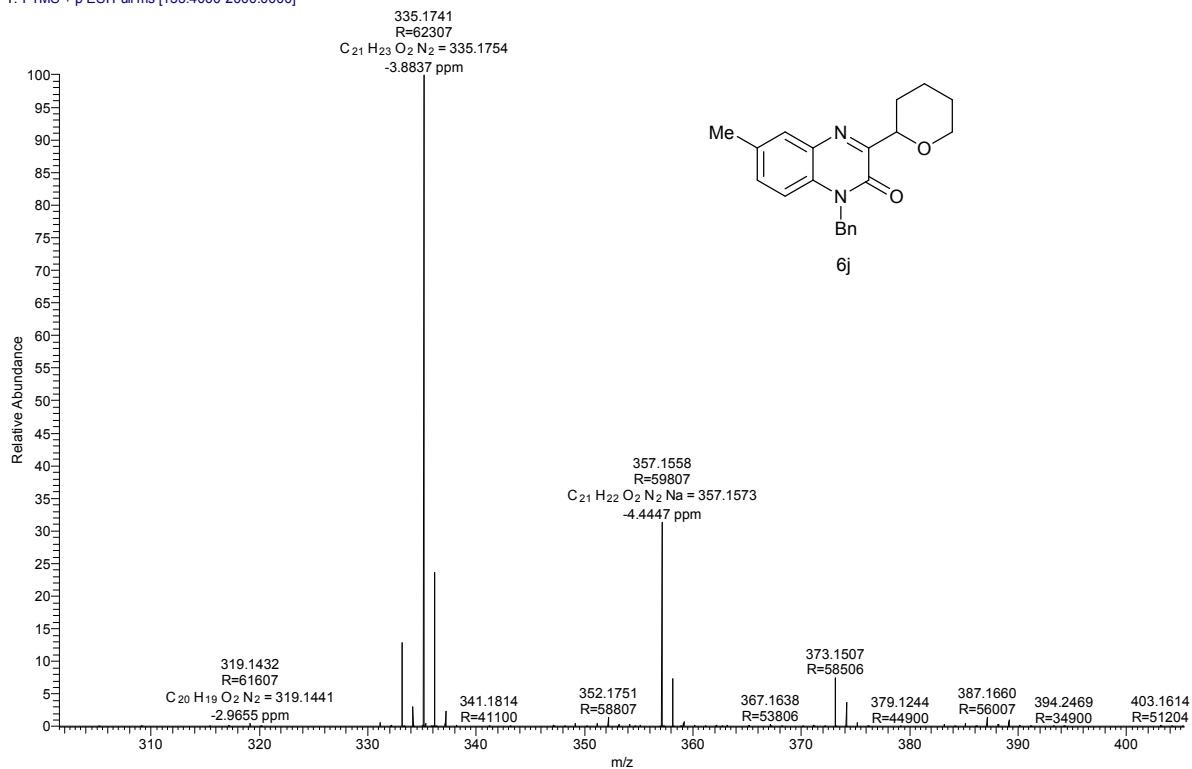
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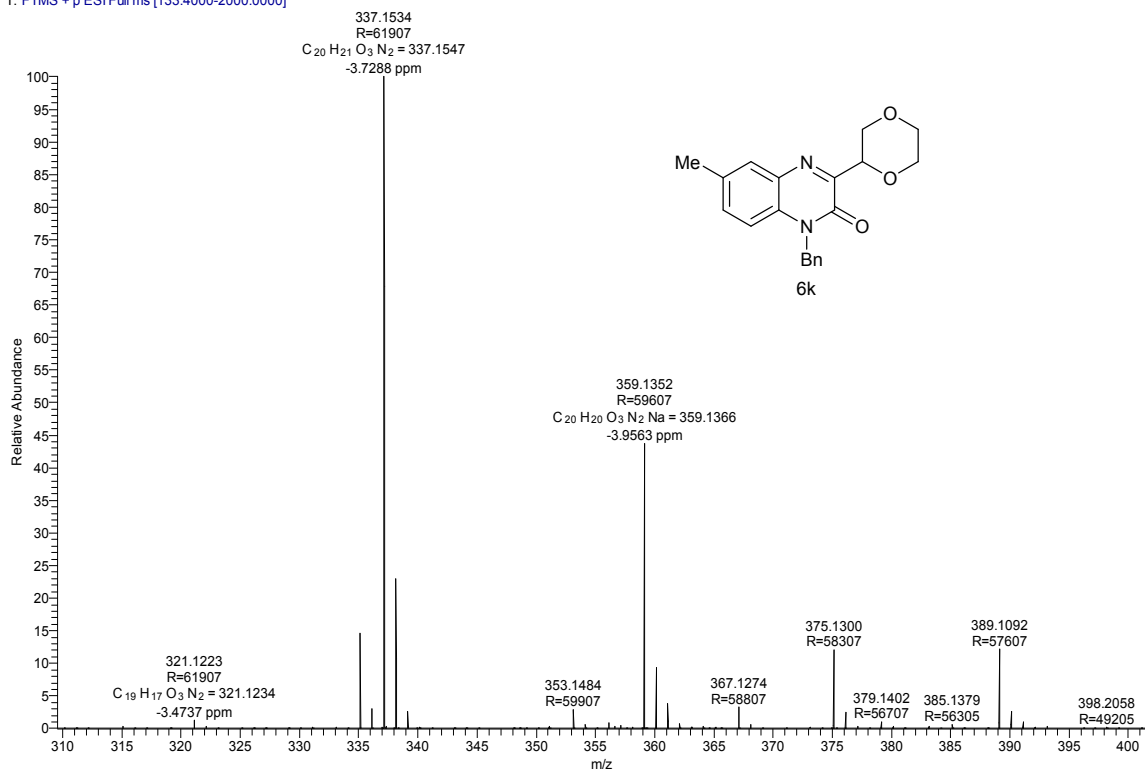
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KB-33 #282 RT: 1.26 AV: 1 NL: 3.04E9  
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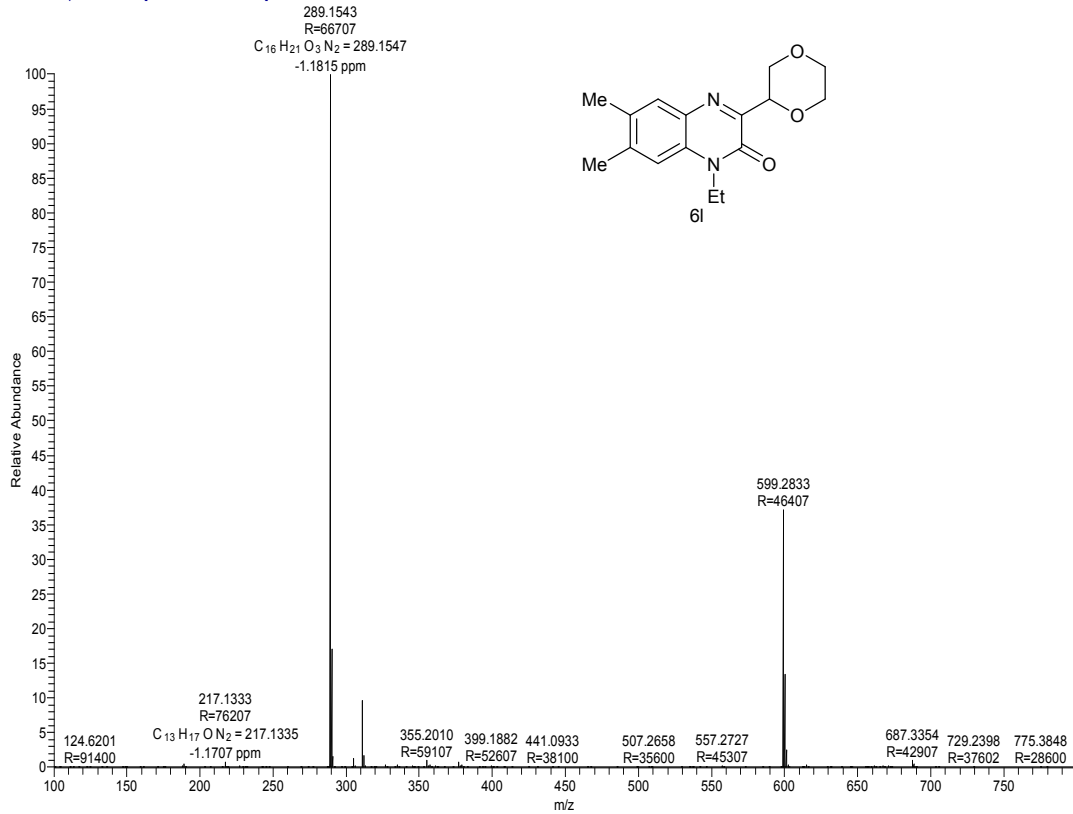


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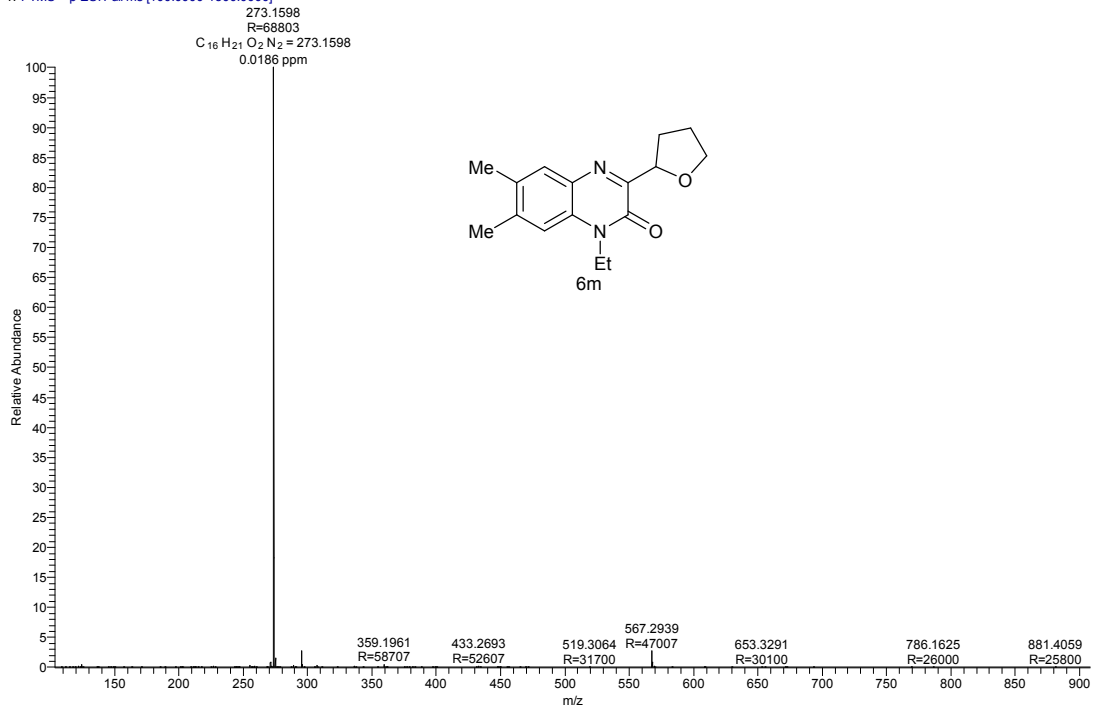




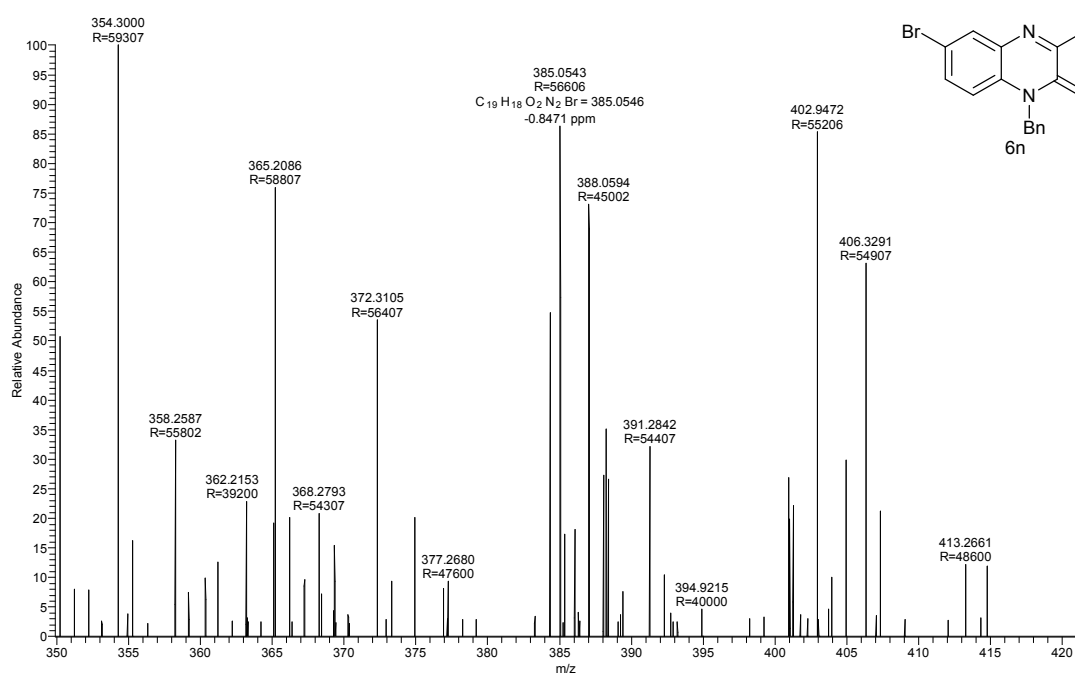
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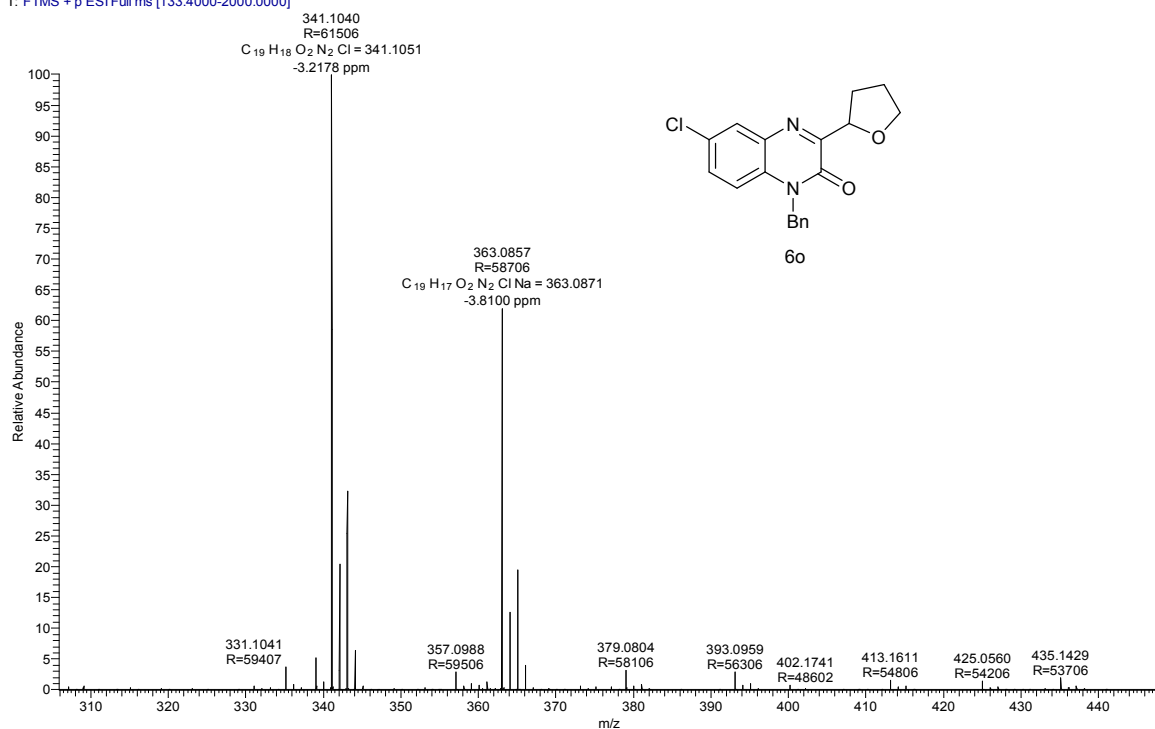
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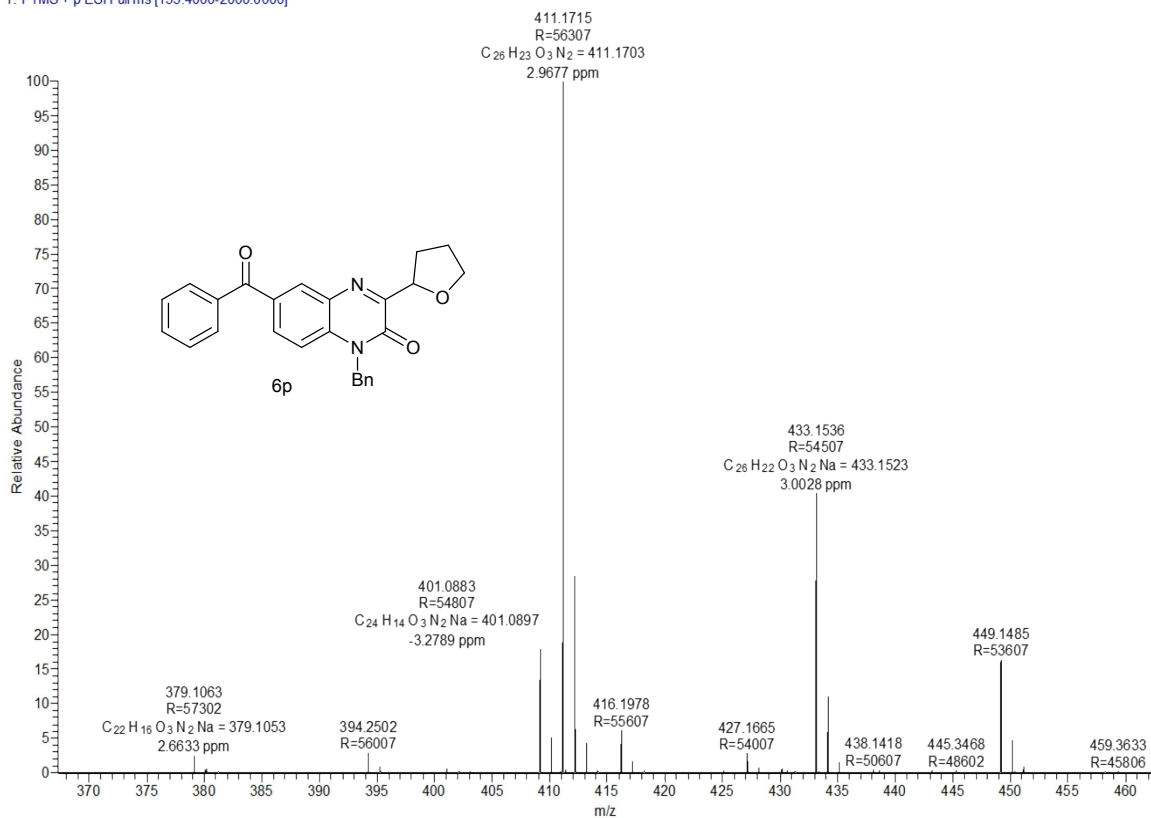
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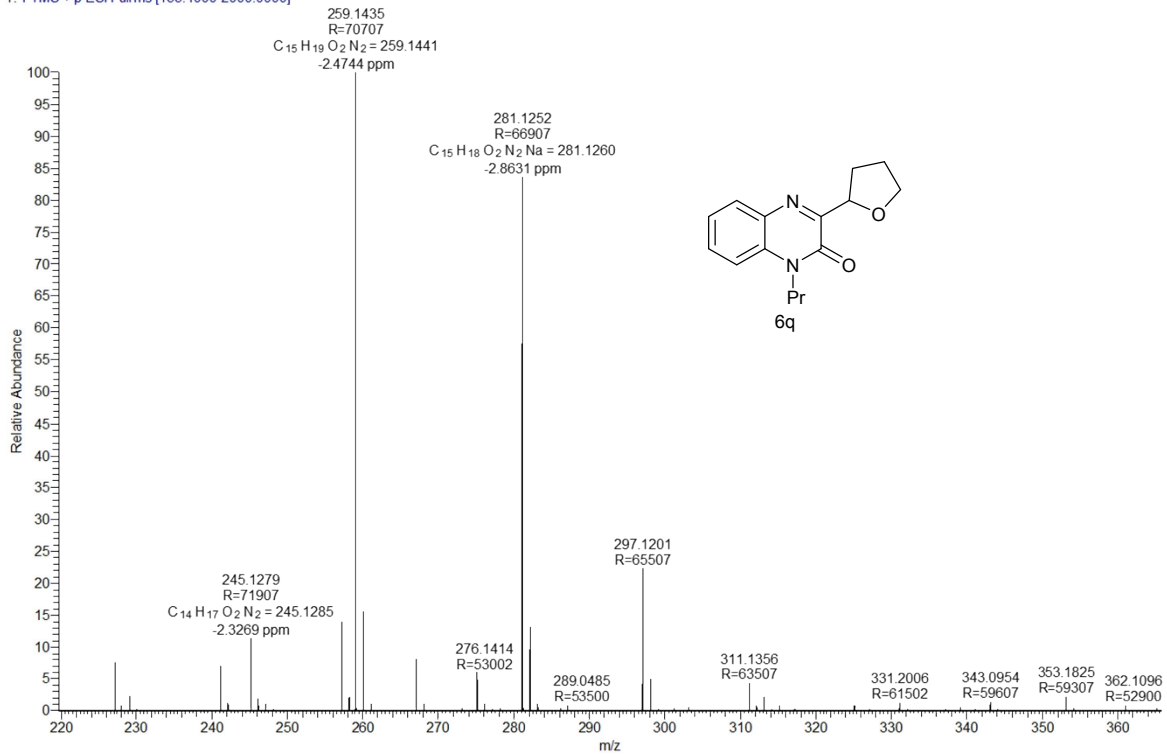
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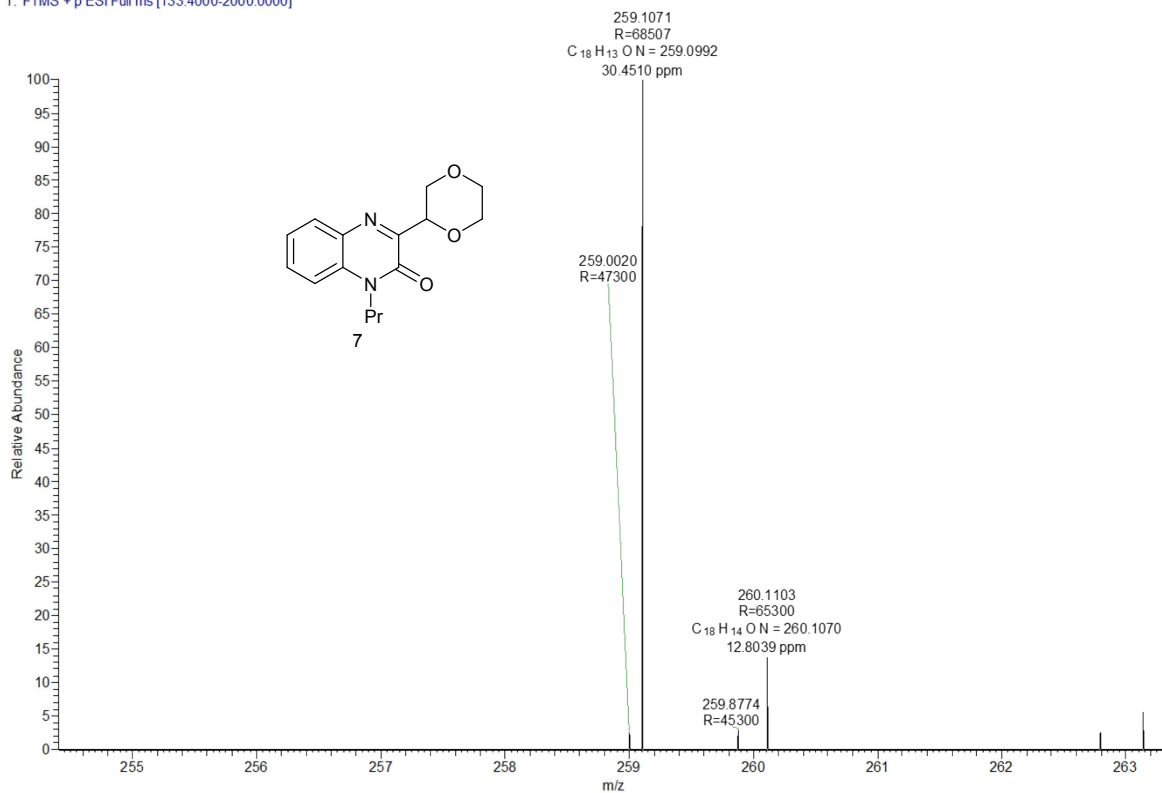
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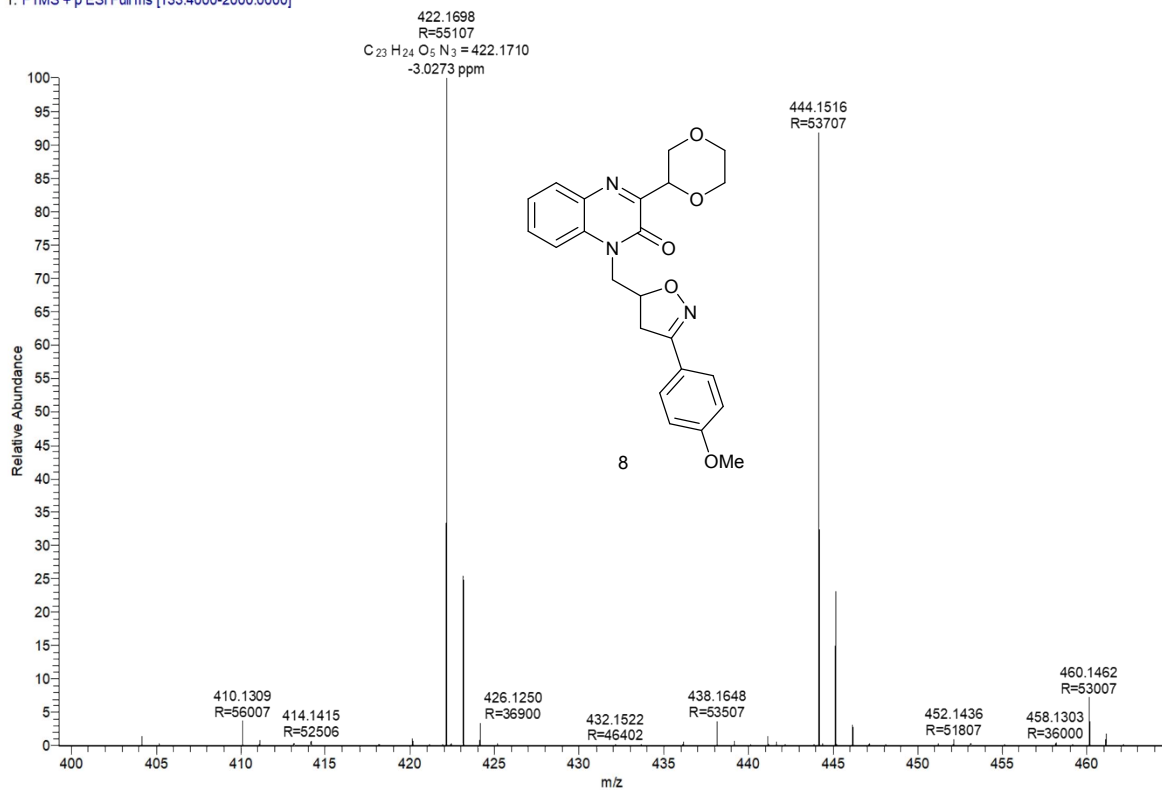
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KB-36 #271 RT: 1.21 AV: 1 NL: 2.11E7  
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KB-38 #261 RT: 1.17 AV: 1 NL: 1.91E9  
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KB-12 #264 RT: 1.18 AV: 1 NL: 3.69E8  
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