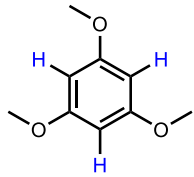
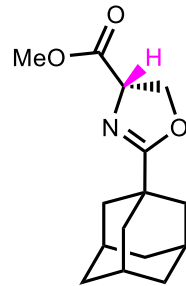


— 7.260  
CDCl<sub>3</sub>, 600 MHz



6.073



4.695  
4.682  
4.677  
4.664  
4.427  
4.413  
4.399  
4.345  
4.330  
4.327  
4.313

3.760  
3.755

2.001  
1.902  
1.898  
1.810  
1.734  
1.714  
1.707  
1.702  
1.681

Internal standard = 13.8 mg; Sample = 24.2 mg  
Molar ratio = 1.118; %P of standard = 1  
MW of compound 1 = 263.34; MW of standard = 168.19

$$\text{Molar ratio} = \frac{\frac{I_{cpd}}{nH_{cpd}}}{\frac{I_{std}}{nH_{std}}}$$

$$\text{wt}\% = \frac{mg_{std} \times MW_{cpd} \times \text{molar ratio} \times P_{std}}{mg_{cpd} \times MW_{std}} \times 100\%$$

$$\text{wt}\% = \frac{13.8 \times 263.34 \times 1.118 \times 1}{24.2 \times 168.19} \times 100\% = 99.8\%$$

7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 ppm

3.0000

1.1180

1.1162

1.1188

12.3656

3.4394

6.7216

6.7015