

<sup>1</sup>H NMR (500 MHz, CDCl<sub>3</sub>), ns = 8 scans,  
relaxation delay (d1) = 30 s

Purity determined to be **96.5 wt%** versus 1,3,5-trimethoxybenzene as internal standard.

Internal Standard = 15.4 mg

Sample = 15.3 mg

%P of standard = 98 wt%

MW of **3** = 194.70

MW of standard = 168.19

$$wt\% = \frac{mg_{std} \times MW_{cpd} \times I_{cpd} \times nH_{std} \times potency_{std}}{mg_{cpd} \times MW_{std} \times I_{std} \times nH_{cpd}}$$

$$96.5\% = \frac{15.4 \times 194.70 \times 1.00 \times 3 \times 98}{15.3 \times 168.19 \times 3.55 \times 1}$$

