



2 (fractions 13-18, 26-32) qNMR

400 MHz, CDCl₃

18.6 mg cpd

14.8 mg std

$$\text{molar ratio} = \frac{\left[\frac{1}{2} \right]}{\left[\frac{2.84}{3} \right]} = 0.528$$

$$\text{wt\%} = \frac{mg_{std} \times mw_{cpd} \times \text{molar ratio}}{mg_{cpd} \times mw_{std}} = \frac{14.8 \times 296.4100 \times 0.528}{18.6 \times 168.1920} = 74\%$$

