



2 (fractions 19-25) qNMR

400 MHz, CDCl₃

9.3 mg cpd

12.3 mg std

$$\text{molar ratio} = \frac{\left[\frac{1}{2} \right]}{\left[\frac{3.95}{3} \right]} = 0.380$$

$$\text{wt\%} = \frac{\text{mgstd} \times \text{mwcpd} \times \text{molar ratio}}{\text{mgcpd} \times \text{mwstd}} = \frac{12.3 \times 296.4100 \times 0.380}{9.3 \times 168.1920} = 89\%$$

