7.26 CDCI3

Integrated area of sample (Ix) = 0.97Integrated area of standard (Ical) = 3.00Number of sample nuclei (Nx) = 1Number of standard nuclei (Ncal) = 3 Molecular weight of sample (Mx) = 274.4760Molecular weight of standard (*Mcal*) = 137.1380 Mass of internal standard (Wcal) = 14.2 mg Mass of sample (Wx) = 28.2 mg Purity of standard (*Pcal*) = 99.5 %

$$Px = \frac{Ix}{Ical} \times \frac{Ncal}{Nx} x \frac{Mx}{Mcal} \times \frac{Wcal}{Wx} \times Pcal$$

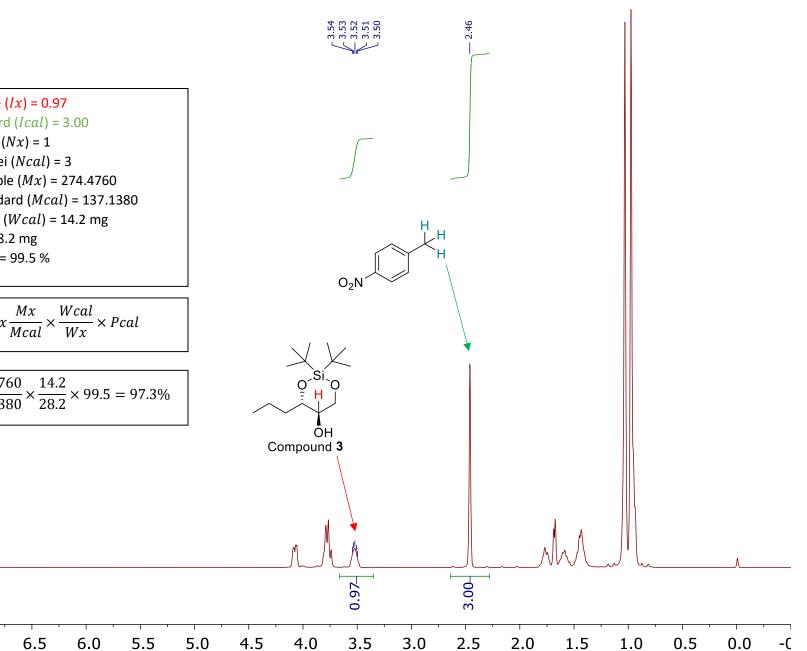
$Px = \frac{0.97}{3.00} \times \frac{3}{1} \times \frac{274.4760}{137.1380} \times \frac{14.2}{28.2} \times 99.5 = 97.3\%$

8.0

7.5

7.0

.5



1H NMR (ppm)