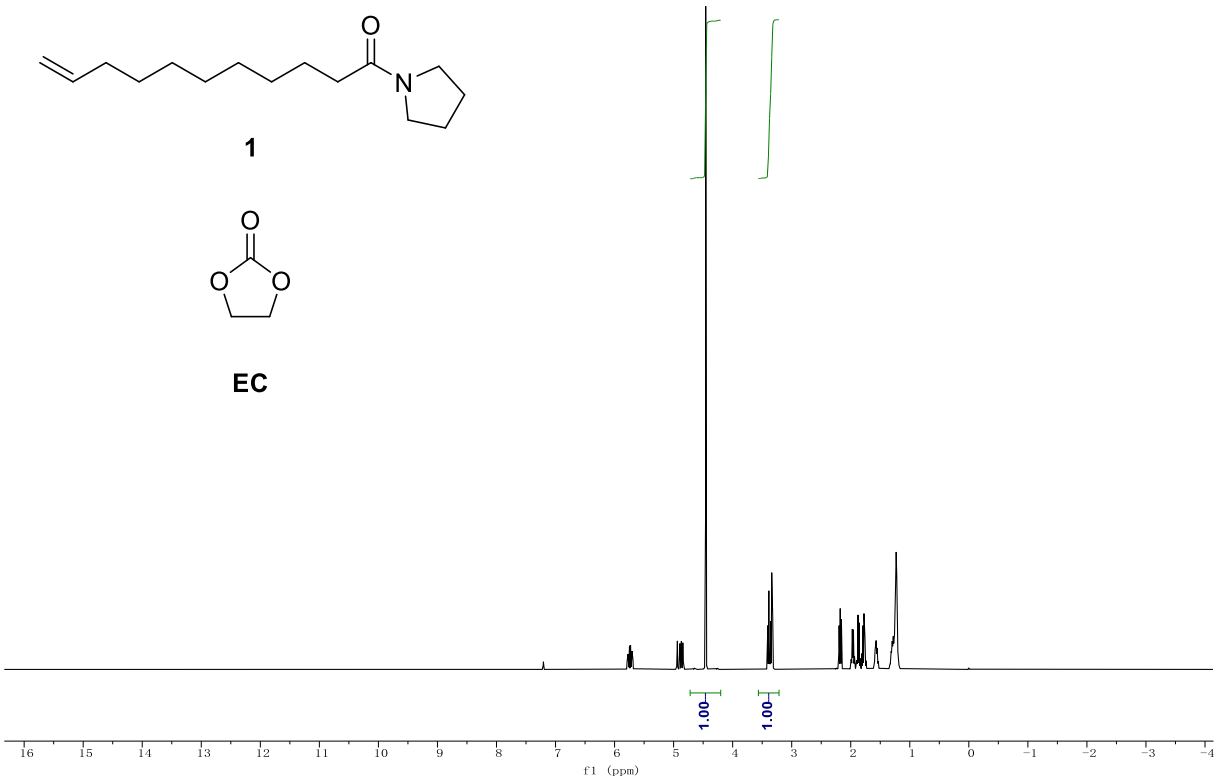


**$^{1}$H NMR (400 MHz, $CDCl_3$) of compound 1 + EC as internal standard**

Int= average of normalized integrals values
MW =molecular weight
P =Purity (as percent value)
m = mass
n= number of protons giving rise to a given NMR signal (The total number of protons is set to one because an average of all normalized integrals is carried out)

| | |
|---|---|
| $n_{EC} = 1$ | $n_1 = 1$ |
| $Int_{EC} = 1.00$ | $Int_1 = 1.0$ |
| $MW_{Ec} = 88.06$ | $MW_1 = 237.39$ |
| $M_{EC} = 4.3$ mg | $m_1 = 11.5$ mg |
| $P_{EC} > 99$ % | |

$$P(\%) = \left(\frac{n_{EC} \cdot Int_1 \cdot MW_1 \cdot m_{EC}}{n_1 \cdot Int_{EC} \cdot MW_{EC} \cdot m_1}\right) \cdot P_{EC} = 99.8\%$$