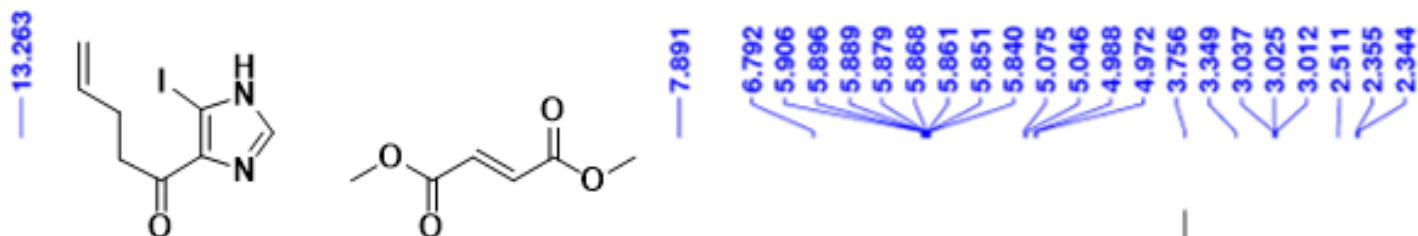


1-(5-Iodo-1H-imidazole-4-yl)pent-4-en-1-one Q-NMR
 7.4 mg dimethyl fumarate and 10.4 mg product



MW = 276.08 g/mol
 10.4 mg

MW = 144.13 g/mol
 7.4 mg

$$\begin{aligned}
 P_{\text{sample}} &= \frac{I_{\text{sample}}}{I_{\text{standard}}} * \frac{N_{\text{standard}}}{N_{\text{sample}}} * \frac{M_{\text{sample}}}{M_{\text{standard}}} * \frac{m_{\text{standard}}}{m_{\text{sample}}} * P_{\text{standard}} \\
 &= \frac{1.4615}{6.0000} * \frac{6}{2} * \frac{276.08}{144.13} * \frac{7.4}{10.4} * 99\% \\
 &= 98.6\%
 \end{aligned}$$

