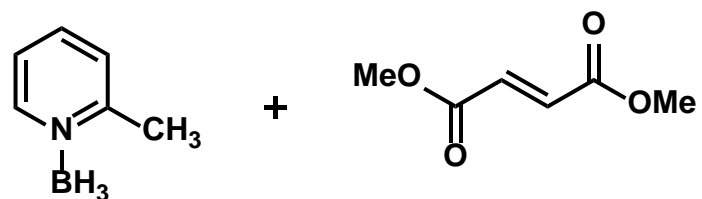


## 2-Methylpyridine-borane + Dimethylfumarate (<sup>1</sup>H NMR, 600 MHz, CDCl<sub>3</sub>)



$$\text{Molar ratio} = \frac{1}{\frac{0.673}{2}} = 2.97$$

$$\text{mg}_{\text{cpd}} = 14.5 \text{ mg}$$

$$\text{mg}_{\text{std}} = 6.5 \text{ mg}$$

$$P_{\text{std}} = 0.993$$

$$\text{wt}\% = \frac{6.5 \text{ mg} \times 106.96 \text{ g/mol} \times 2.97 \times 0.993}{14.5 \text{ mg} \times 144.13 \text{ g/mol}} = 98.1\%$$

