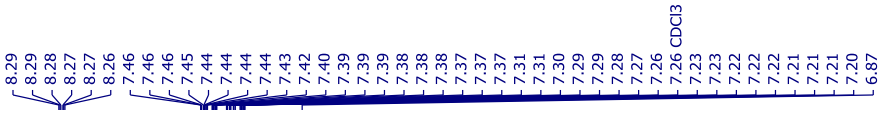
qNMR (500 MHz, $CDCl_3$) of phenyl 4-(bromodifluoromethoxy)benzoate (2) with dimethyl fumarate



$$Molar\ ratio = \frac{\frac{I\ (cpd)}{nH(cpd)}}{\frac{I\ (std)}{nH(std)}} = \frac{\frac{2.11}{2}}{\frac{2}{2}} = 1.055$$

$$wt\% = \frac{\text{mg (std)} \times MW\ (cpd) \times molar\ ratio\ \times P\ (std)}{\text{mg (cpd)} \times MW\ (std)} \times 100$$

$$wt\% = \frac{10.2 \times 341.97 \times 1.055\ \times 0.98}{25.3 \times 144.13} \times 100 = 98.9\%$$

^1H (400 MHz, $CDCl_3$)