QNMR of **1** with 1,3,5-trimethoxybenzene

^{1}H, CDCl$_3$, 600 MHz, 298.0 K
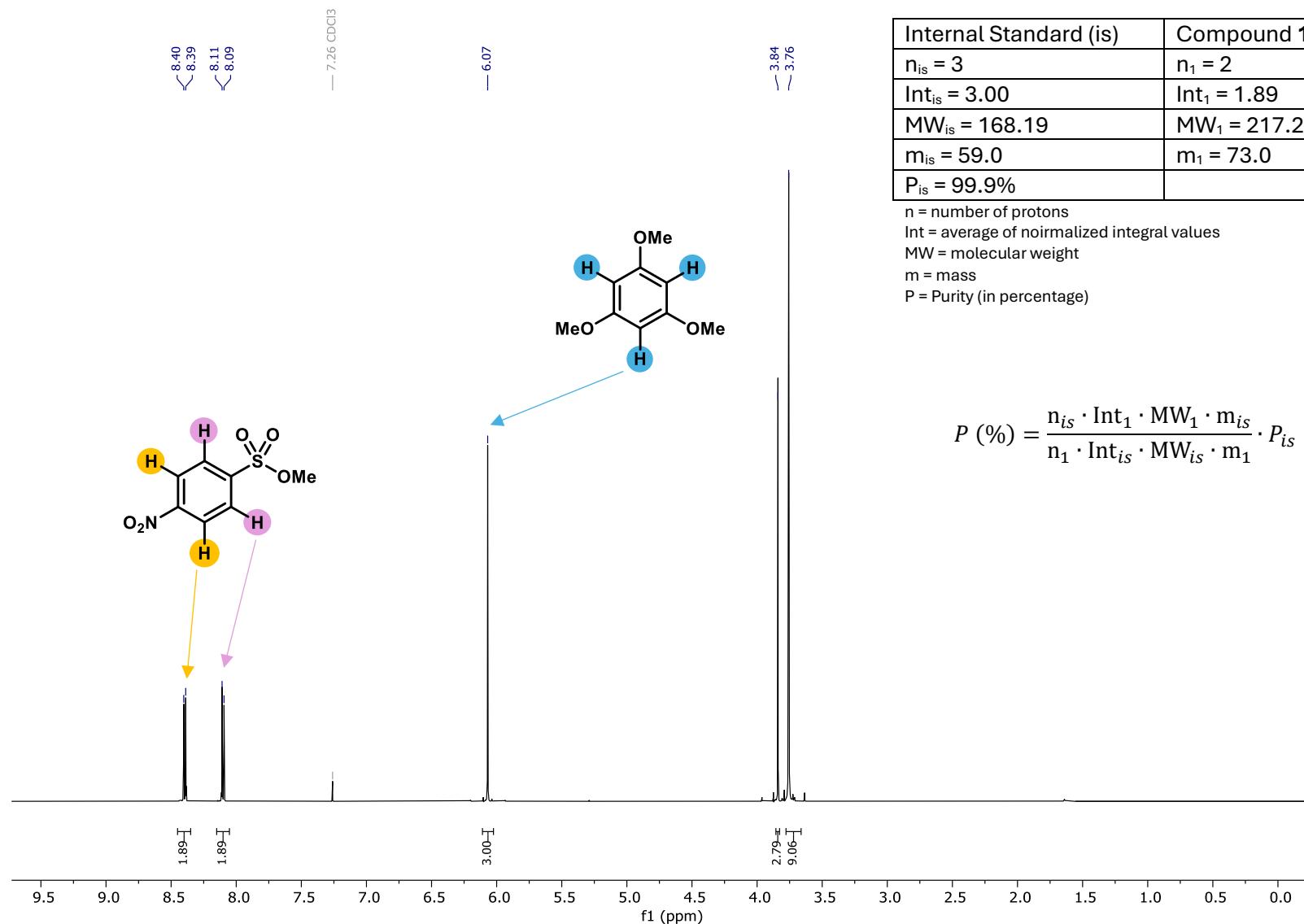
Internal Standard (is)	Compound **1**
n_{is} = 3	n_1 = 2
Int_{is} = 3.00	Int_1 = 1.89
MW_{is} = 168.19	MW_1 = 217.20
m_{is} = 59.0	m_1 = 73.0
P_{is} = 99.9%	

n = number of protons
Int = average of noirmalized integral values
MW = molecular weight
m = mass
P = Purity (in percentage)

$$P\,(\%) = \frac{n_{is} \cdot Int_1 \cdot MW_1 \cdot m_{is}}{n_1 \cdot Int_{is} \cdot MW_{is} \cdot m_1} \cdot P_{is} = 98.6\%$$