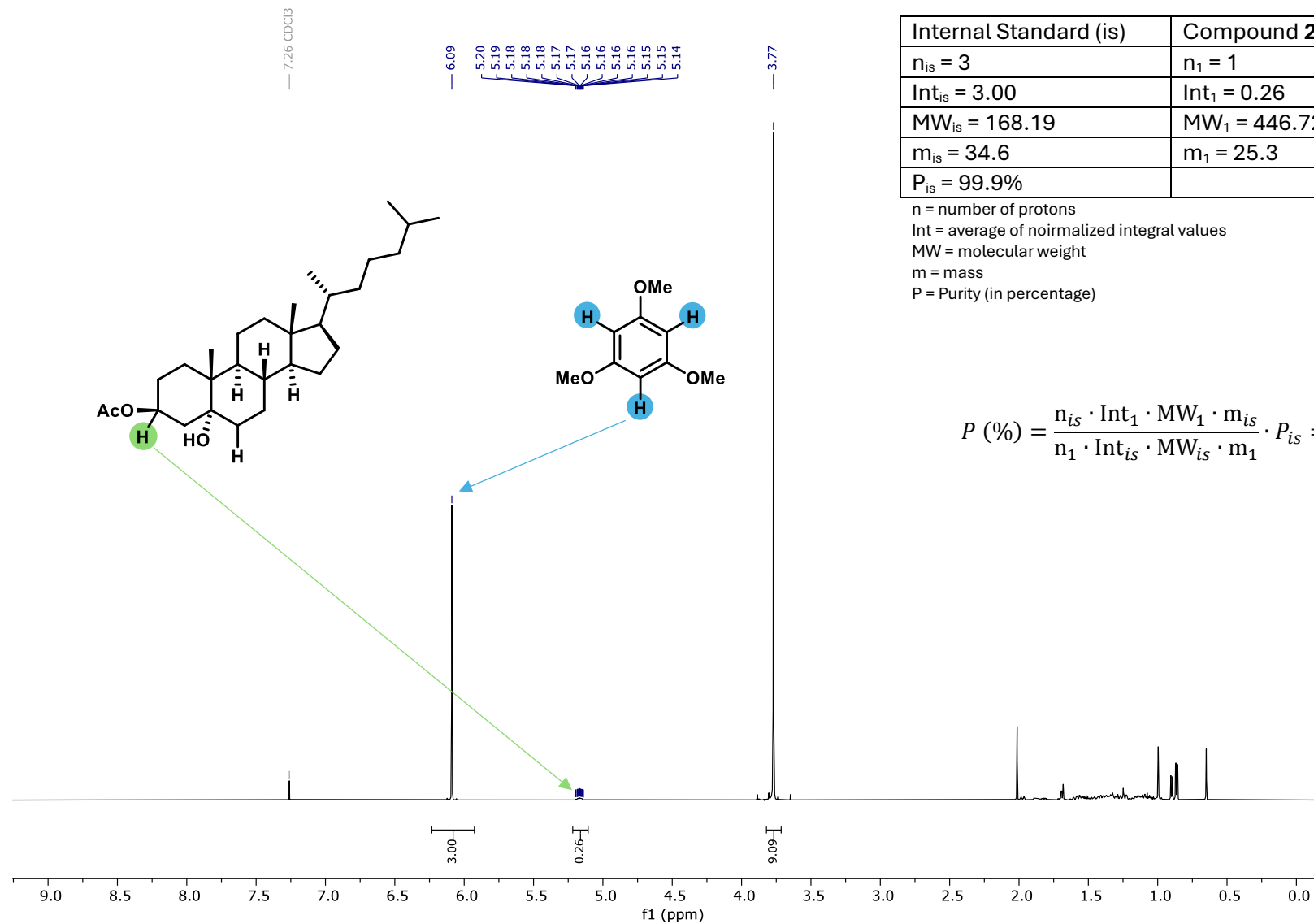


QNMR of **2** with 1,3,5-trimethoxybenzene before recrystallization

¹H, CDCl₃, 600 MHz, 298.0 K



Internal Standard (is)	Compound 2
$n_{is} = 3$	$n_1 = 1$
$Int_{is} = 3.00$	$Int_1 = 0.26$
$MW_{is} = 168.19$	$MW_1 = 446.72$
$m_{is} = 34.6$	$m_1 = 25.3$
$P_{is} = 99.9\%$	

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

$$P (\%) = \frac{n_{is} \cdot Int_1 \cdot MW_1 \cdot m_{is}}{n_1 \cdot Int_{is} \cdot MW_{is} \cdot m_1} \cdot P_{is} = 94.4\%$$