



Int = Average of normalized integrals values
 MW = Molecular weight
 P = Purity (as percent value)
 m = mass
 n = number of protons giving rise to a given NMR signal (The total number of protons is set to one because an average of all normalized integrals is carried out)

$n_{IS} = 1$	$n_P = 1$
$Int_{IS} = 0.264$	$Int_P = 0.167$
$MW_{IS} = 168.1 \text{ g/mol}$	$MW_P = 297.46 \text{ g/mol}$
$m_{IS} = 8.8 \text{ mg}$	$m_P = 9.8 \text{ mg}$
$P_{IS} = >99\%$	

$$P [\%] = \frac{n_{IS} \cdot Int_P \cdot MW_P \cdot m_{IS}}{n_P \cdot Int_{IS} \cdot MW_{IS} \cdot m_P} \cdot P_{IS} = 101 \%$$

