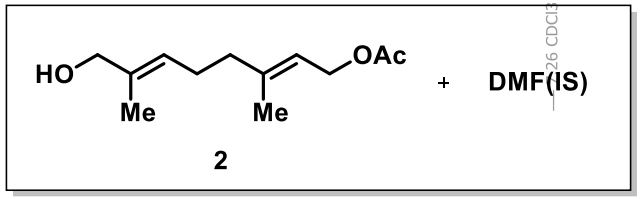

Int= average of normalized integrals values
MW =molecular weight
P =Purity (as percent value)
m = mass
n= number of protons giving rise to a given NMR signal (The total number of protons is set to one because an average of all normalized integrals is carried out)

n_{DMF} = 1	n_2 = 1
Int_{DMF}= 0.5713	Int_2 = 1.016
MW_{DMF}= 144.13	MW_2 = 212.29
m_{DMF}= 7.8 mg	m_2= 20.1 mg
P_{DMF} = 97 %	

$$P(\%)= \left(\frac{n_{DMF}\cdot Int_2\cdot MW_2\cdot m_{DMF}}{n_2\cdot Int_{DMF}\cdot MW_{DMF}\cdot m_2}\right)\cdot P_{DMF}= 99\%$$

^{1}H NMR (400 MHz, $CDCl_3$) of 8-hydroxygeranyl acetate (2) and dimethyl fumarate (DMF) as internal standard.