

Int= average of normalized integrals values

MW =molecular weight

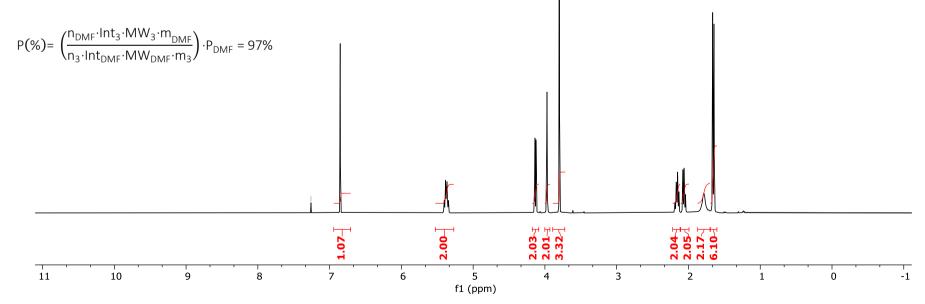
P = Purity (as percent value)

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)

 $n_{DMF} = 1$  $n_3 = 1$  $Int_3 = 1.0222$  $Int_{DMF} = 0.5488$ MW<sub>DMF</sub>= 144.13  $MW_3 = 170.25$  $m_{DMF}$ = 7.8 mg  $m_3 = 17.1 \text{ mg}$ 

 $P_{DMF} = 97 \%$ 



<sup>1</sup>H NMR (400 MHz, CDCl<sub>3</sub>) of 8-hydroxygeraniol (3) and dimethyl fumarate (DMF) as internal standard.