

4-(((4-methoxyphenyl)amino)methyl)-N,N-dimethylaniline and 2-methoxy-5-((phenylamino)methyl)phenol

Peter A. Ajibade, Fartisincha P. Andrew,

School of Chemistry and Physics, University of KwaZulu-Natal, Private Bag X01, Scottsville, Pietermaritzburg, 3209 South Africa

Supplementary Material

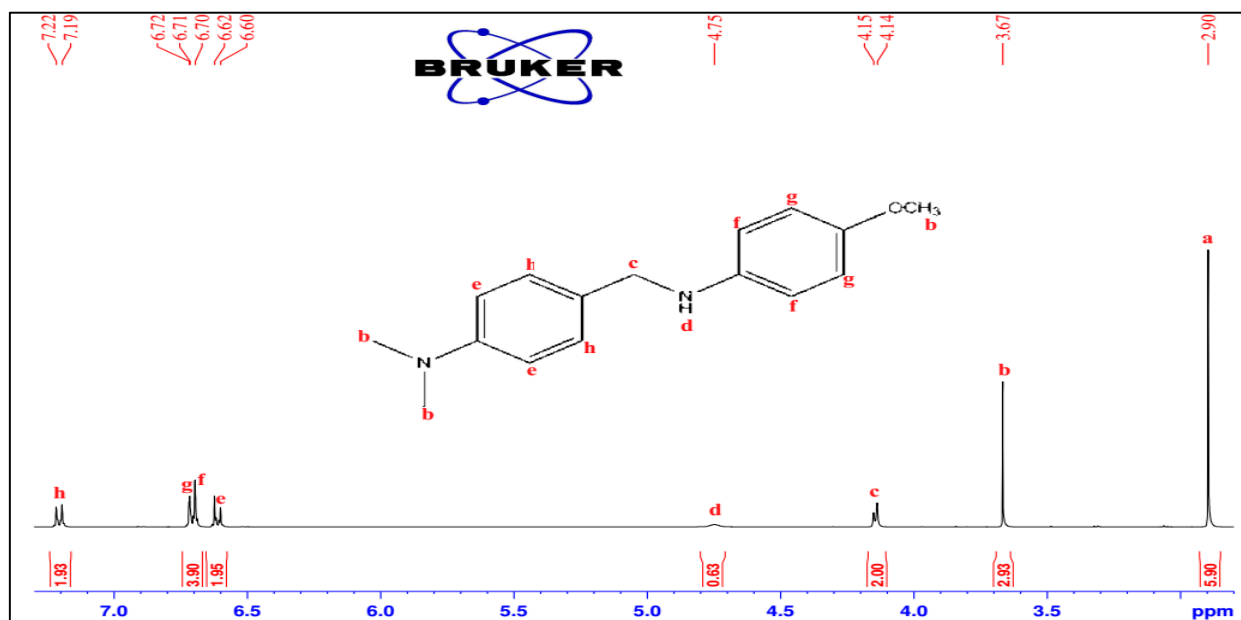


Figure S1. <sup>1</sup>H NMR spectra of 4-(((4-methoxyphenyl)amino)methyl)-N,N-dimethylaniline (1)

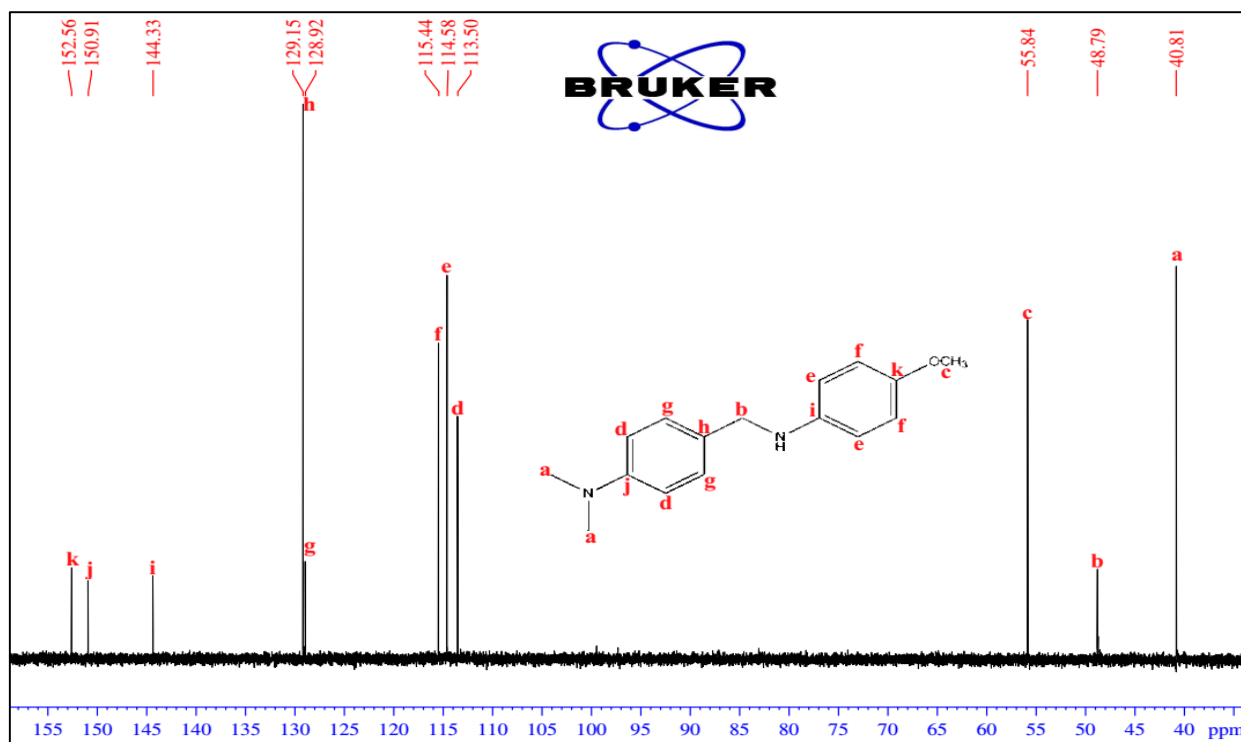


Figure S2.  $^{13}\text{C}$  NMR Spectra of 4-(((4-methoxyphenyl)amino)methyl)-N,N-dimethylaniline (1)

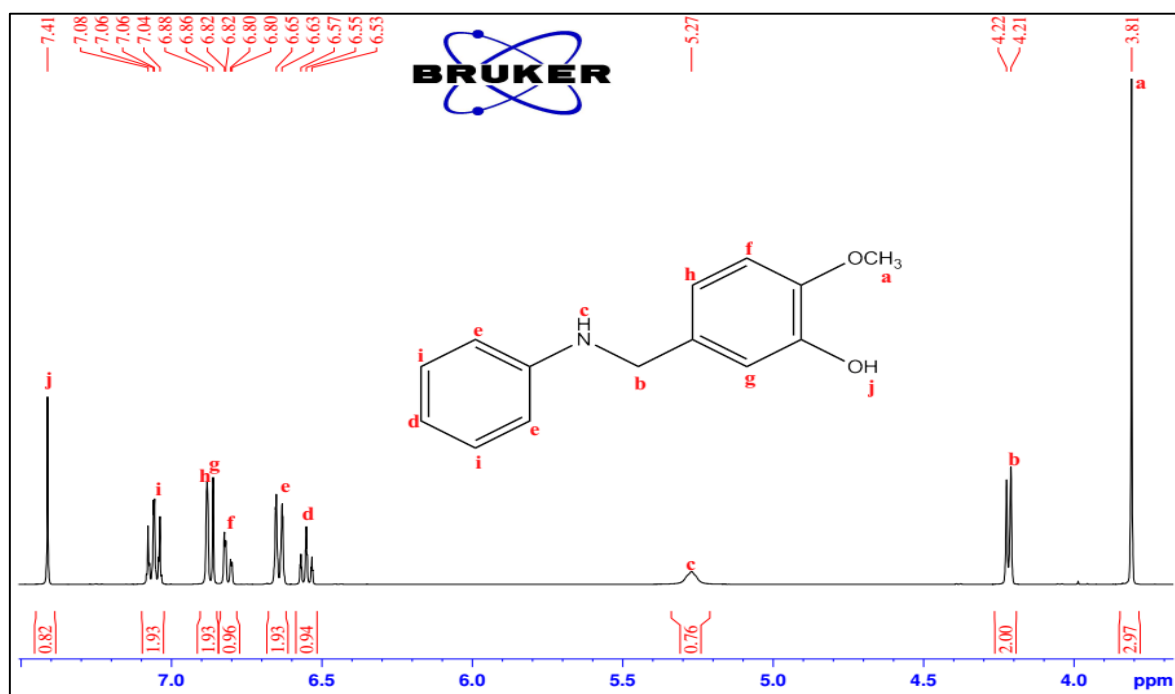


Table S3.  $^1\text{H}$  NMR spectra of 2-methoxy-5-((phenylamino)methyl)phenol (2)

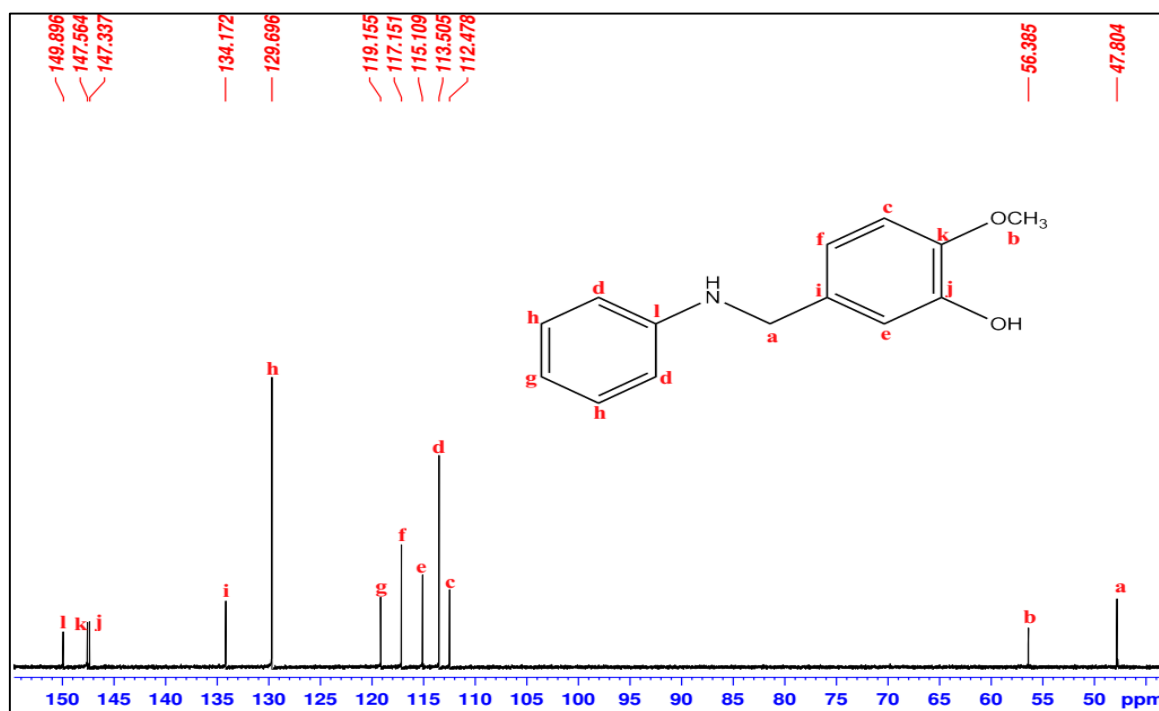


Figure S4.  $^{13}\text{C}$  NMR spectra of 2-methoxy-5-((phenylamino)methyl)phenol (**2**)

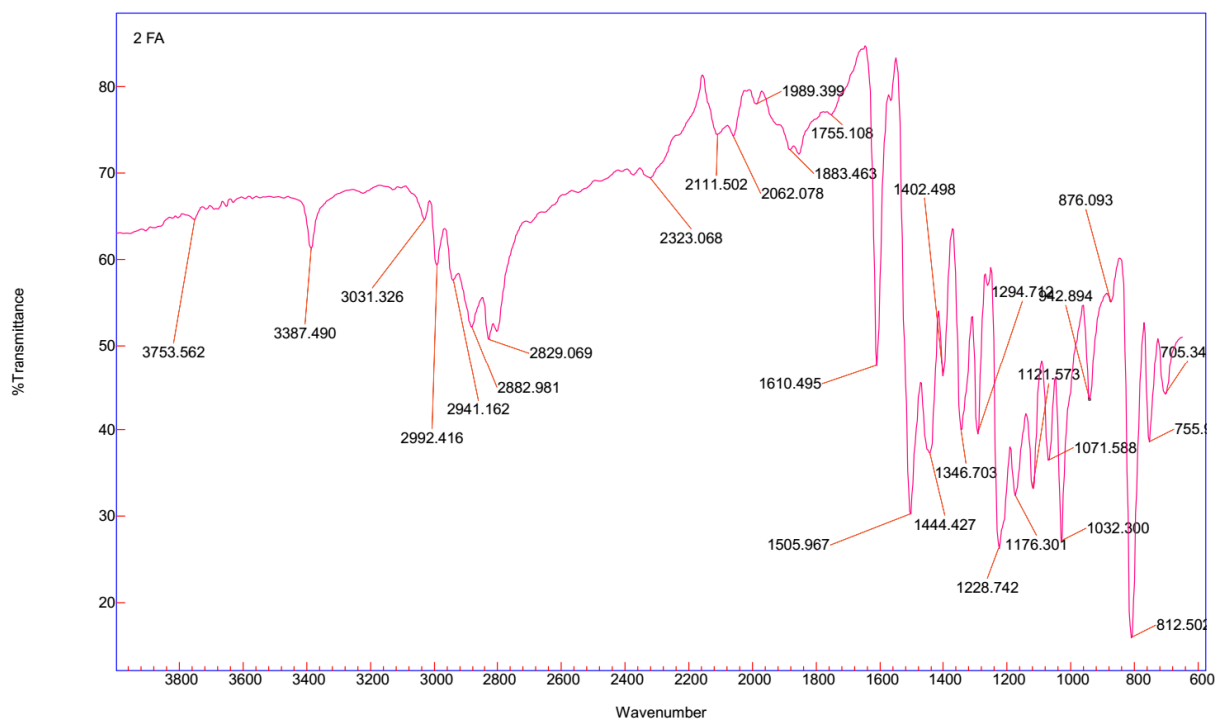


Figure S5. FTIR spectra of 4-(((4-methoxyphenyl)amino)methyl)-N,N-dimethylaniline (**1**)

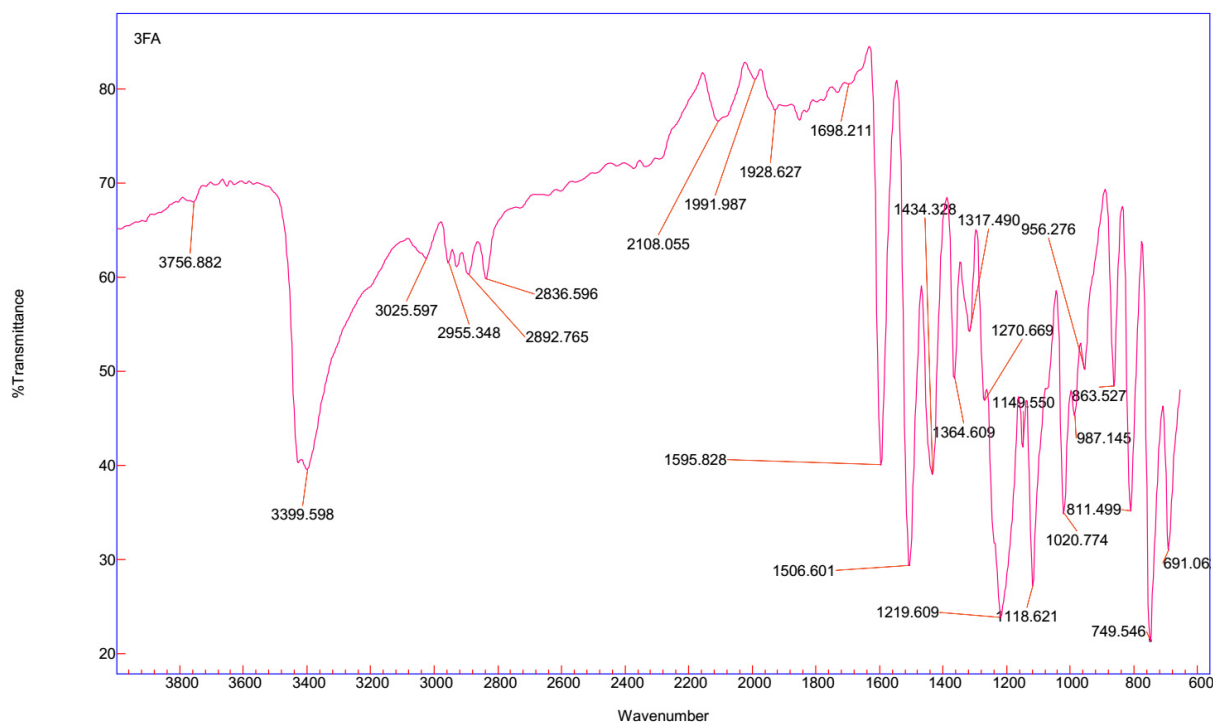


Figure S6. FTIR spectra of 2-methoxy-5-((phenylamino)methyl)phenol (**2**)

### Single Mass Analysis

Tolerance = 5.0 PPM / DBE: min = -1.5, max = 500.0

Element prediction: Off

Number of isotope peaks used for i-FIT = 2

Monoisotopic Mass, Even Electron Ions

28 formula(e) evaluated with 1 results within limits (up to 20 closest results for each mass)

Elements Used:

C: 15-20 H: 15-25 N: 0-5 O: 0-5

PSA12 3 (0.068) Cm (1:61)

TOF MS AP+

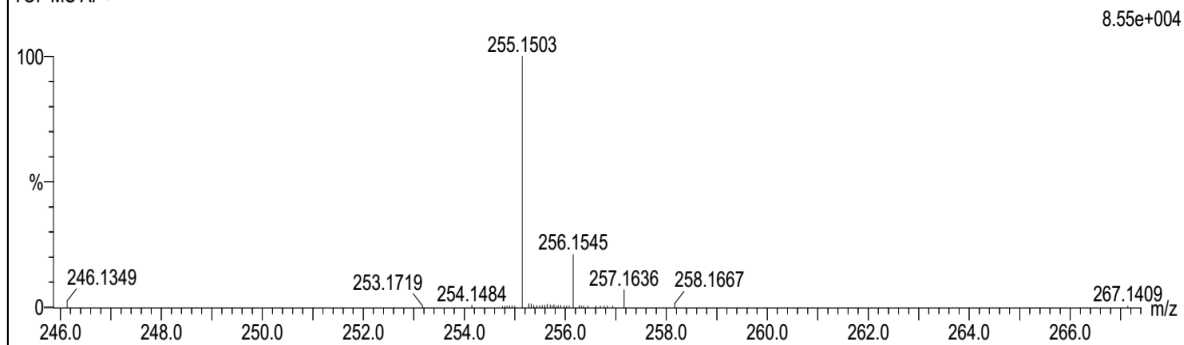


Figure S7. Single mass spectrum of 4-(((4-methoxyphenyl)amino)methyl)-N,N-dimethylaniline (**1**)

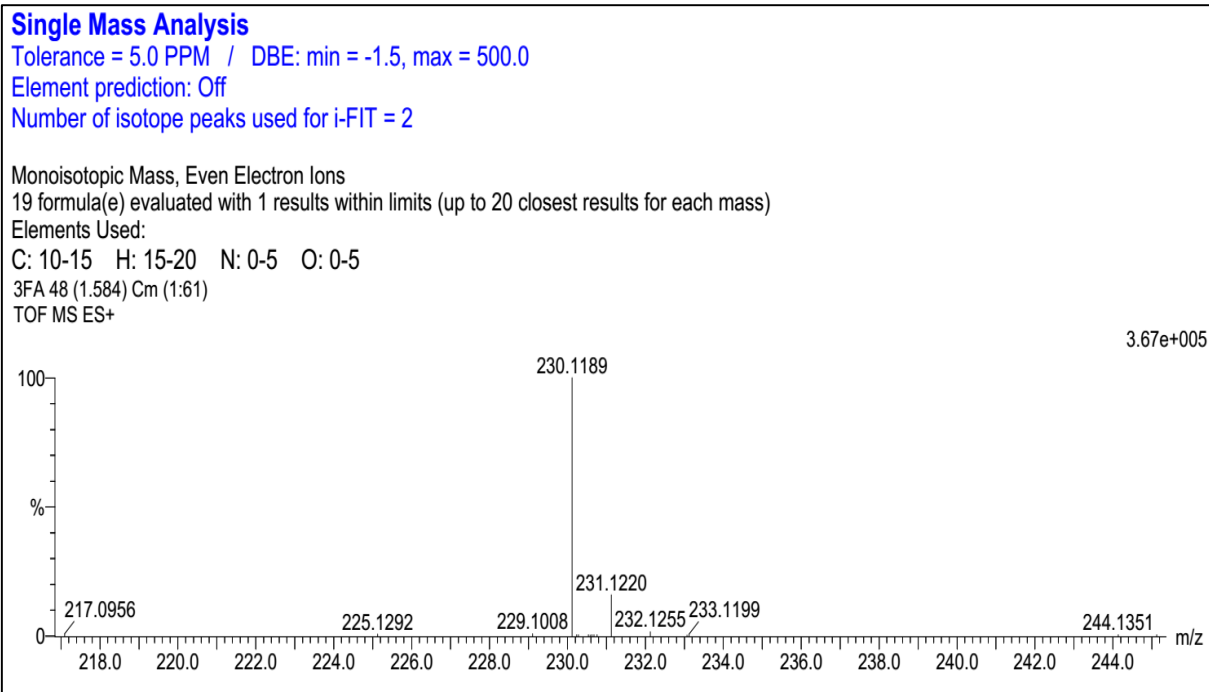


Figure S8. Single mass spectrum of 2-methoxy-5-((phenylamino)methyl)phenol (**2**)