

Spectroscopic and crystallographic characterization of two cathinone derivatives: 1-(4-fluorophenyl)-2-(methylamino)pentan-1-one (4-FPD) hydrochloride and 1-(4-methylphenyl)-2-(ethylamino)pentan-1-one (4-MEAP) hydrochloride

Marcin Rojkiewicz¹, Piotr Kuś, Joachim Kusz, Maria Książek

¹ University of Silesia, Institute of Chemistry, Department of Organic Synthesis, 9 Szkolna Street, 40-006 Katowice, Poland

E-mail address: marcin.rojkiewicz@us.edu.pl (M. Rojkiewicz)

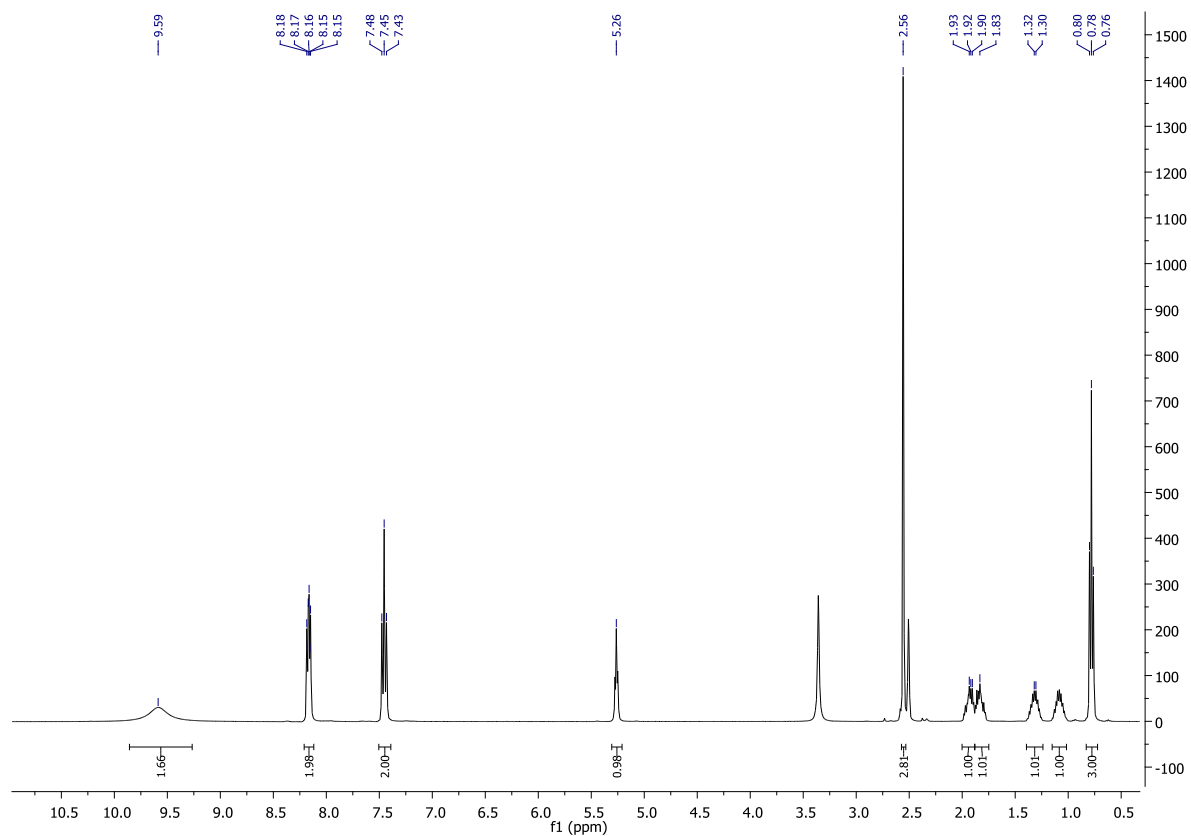


Fig. S1 The ^1H nuclear magnetic resonance spectrum for compound **1** (4-FPD)

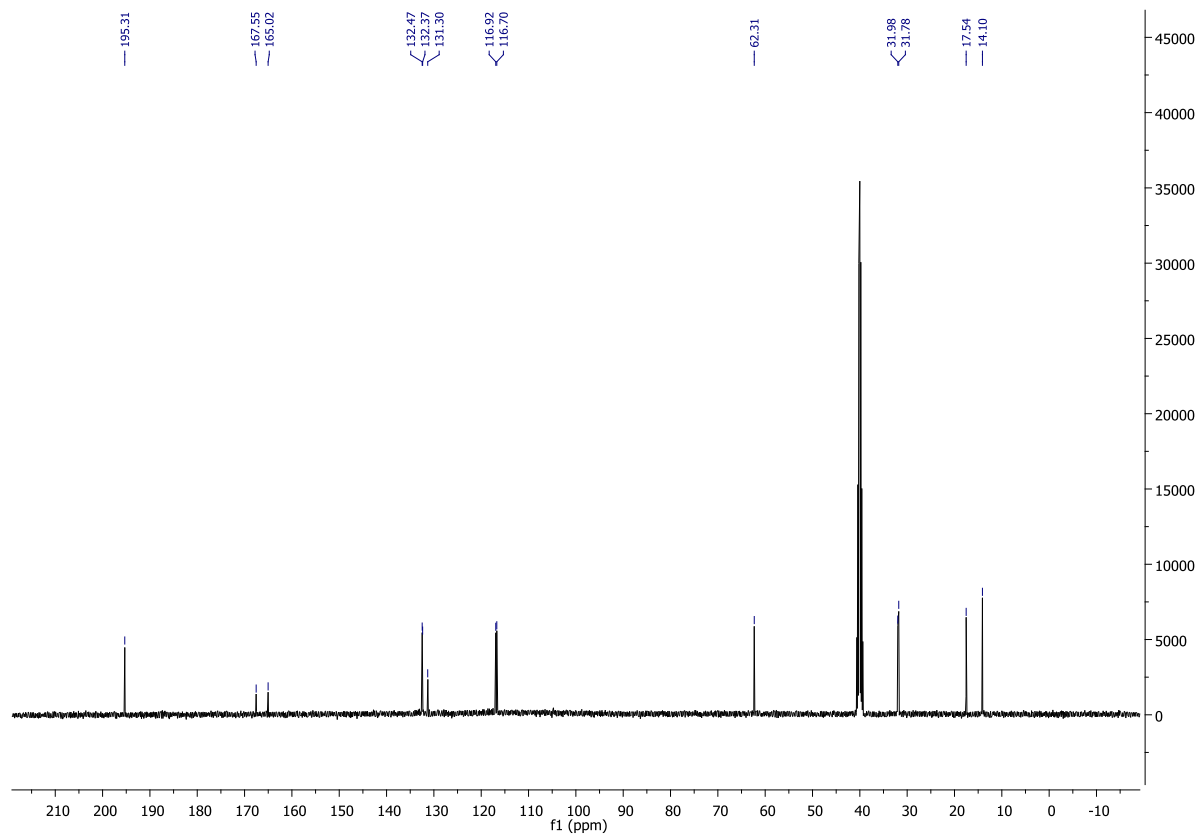


Fig. S2 The ^{13}C nuclear magnetic resonance spectrum for compound **1** (4-FPD)

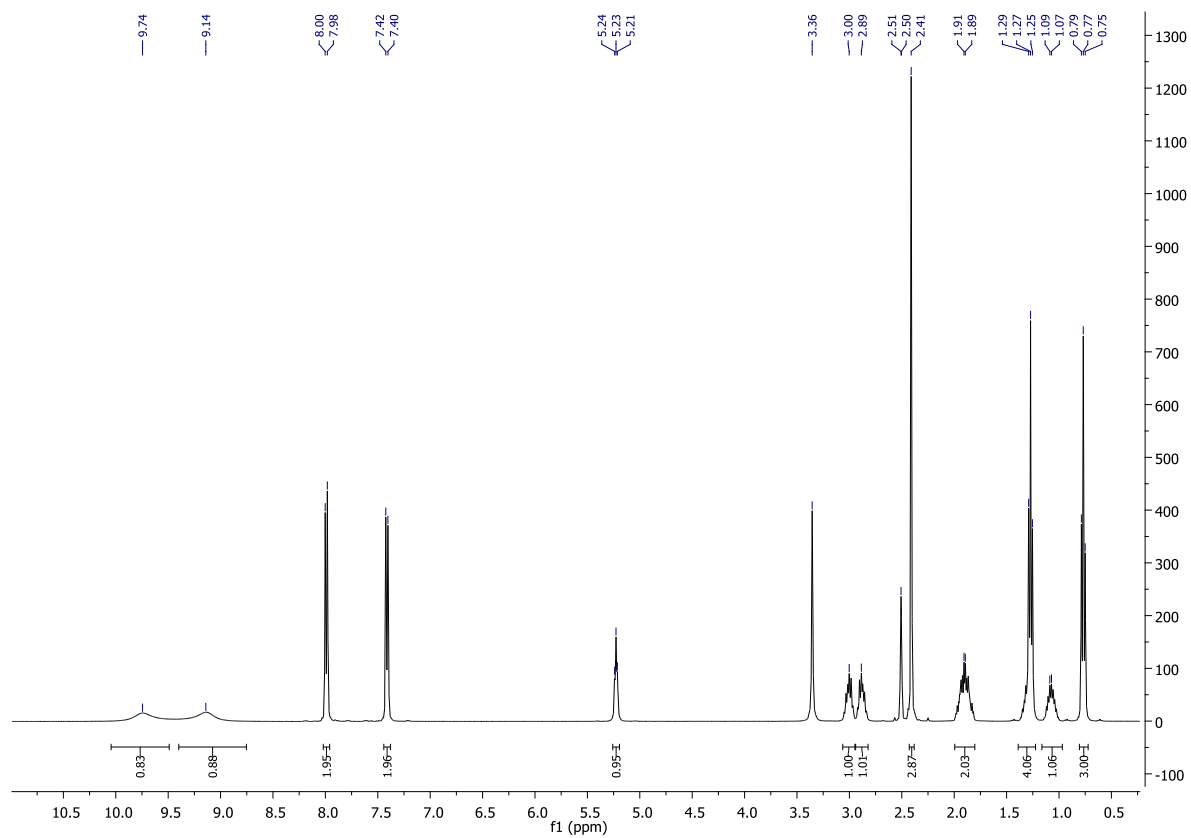


Fig. S3 The ^1H nuclear magnetic resonance spectrum for compound **2** (4-MEAP)

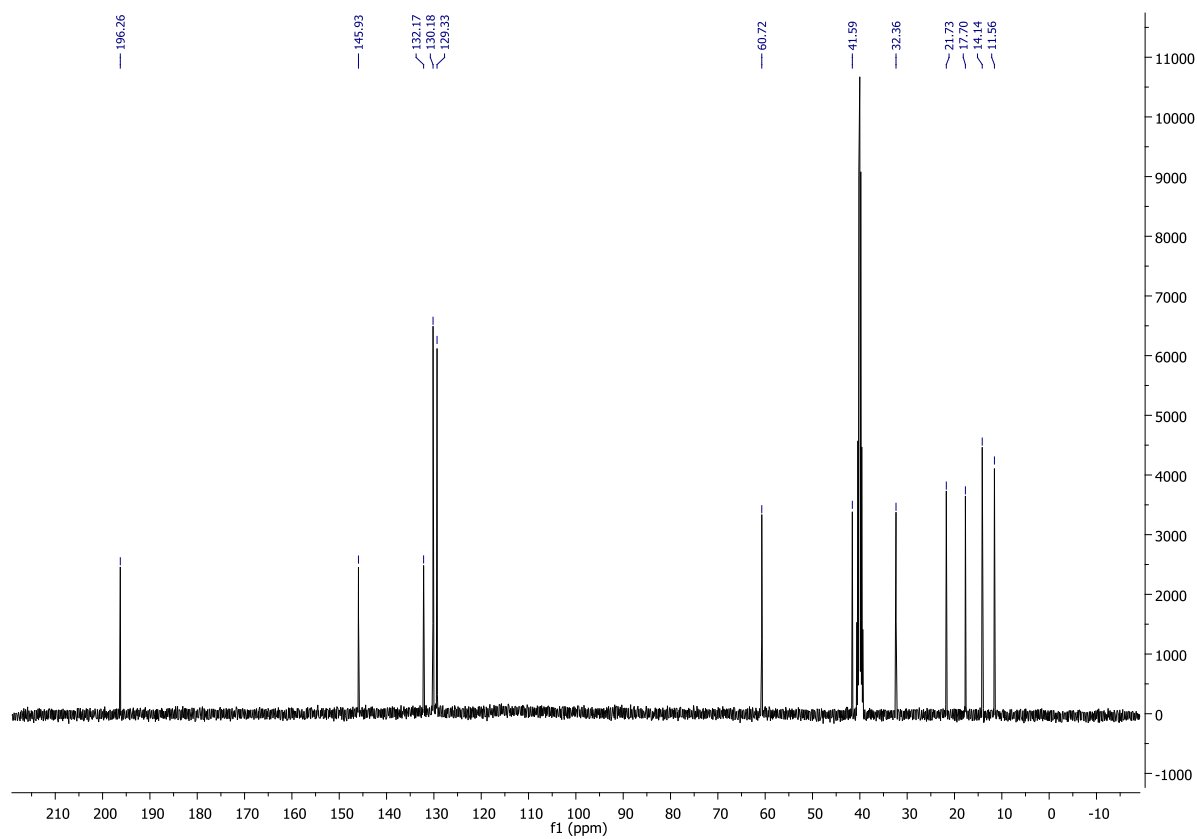


Fig. S4 The ^{13}C nuclear magnetic resonance spectrum for compound **2** (4-MEAP)

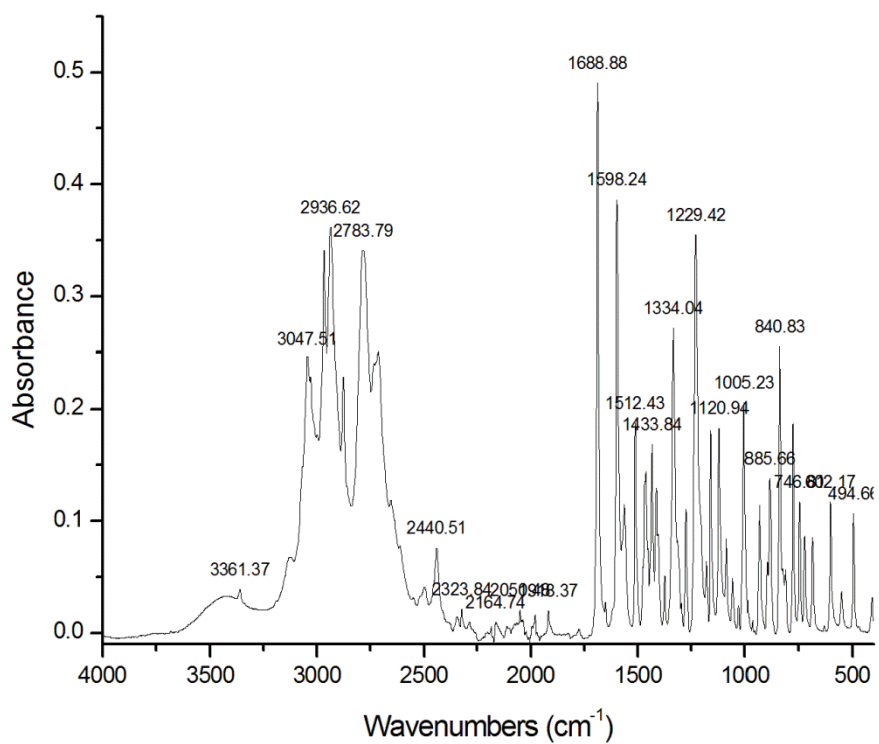


Fig. S5 The IR spectrum for compound **1** (4-FPD)

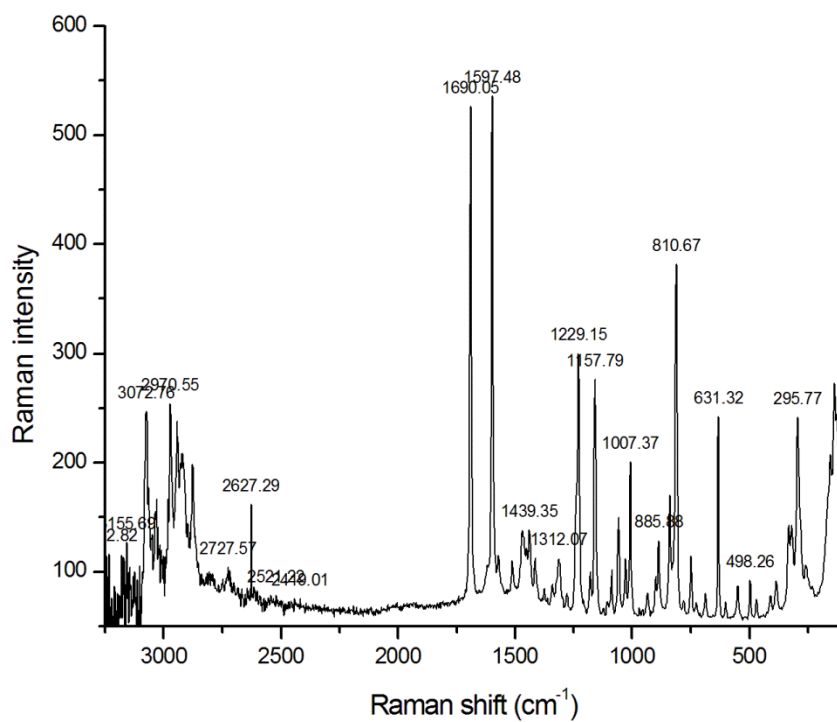


Fig. S6 The Raman spectrum for compound **1** (4-FPD)

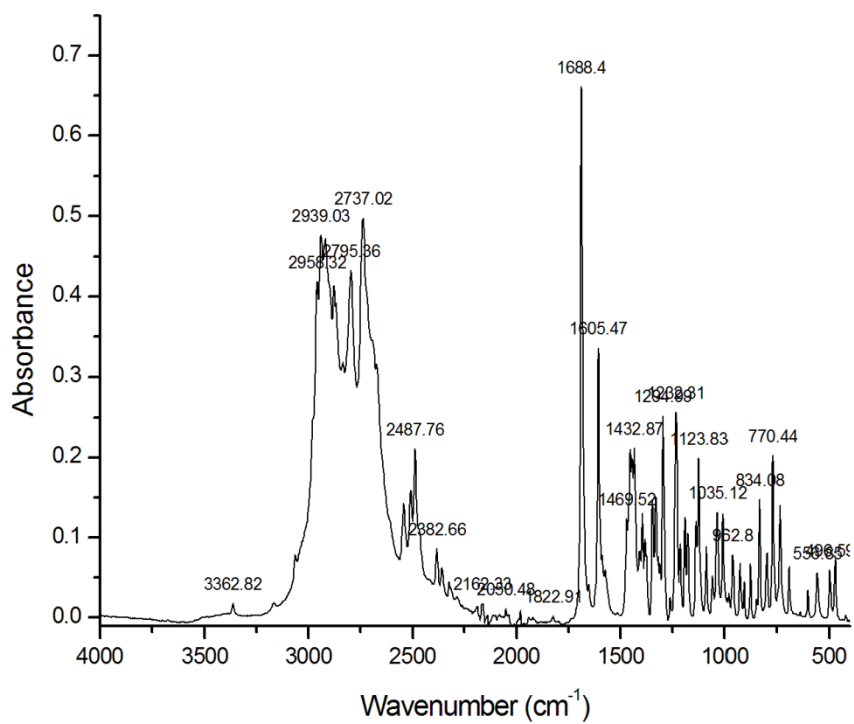


Fig. S7 The IR spectrum for compound **2** (4-MEAP)

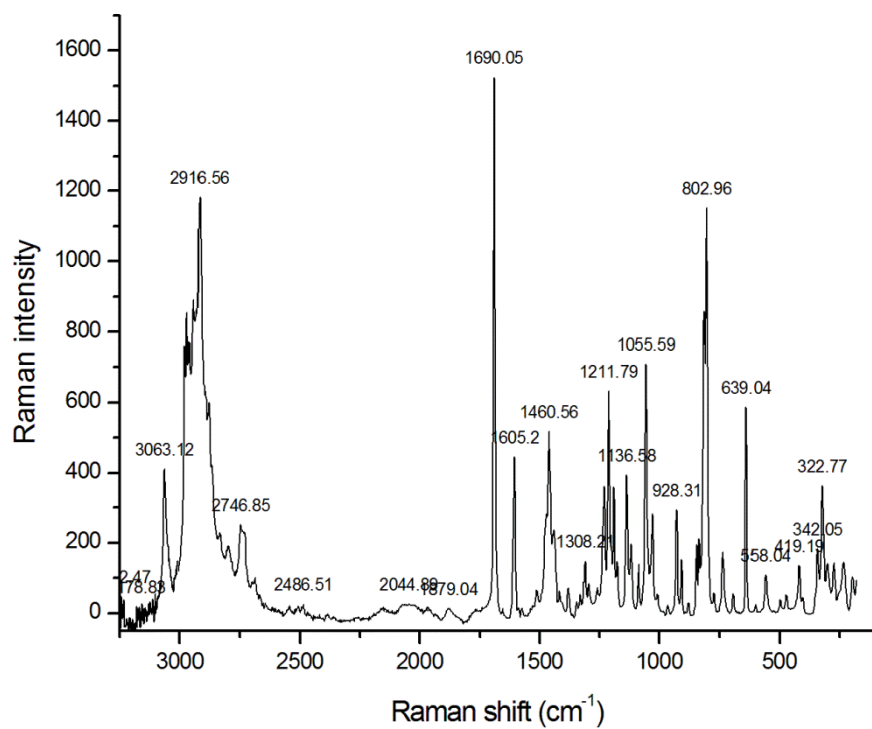


Fig. S8 The Raman spectrum for compound **2** (4-MEAP)

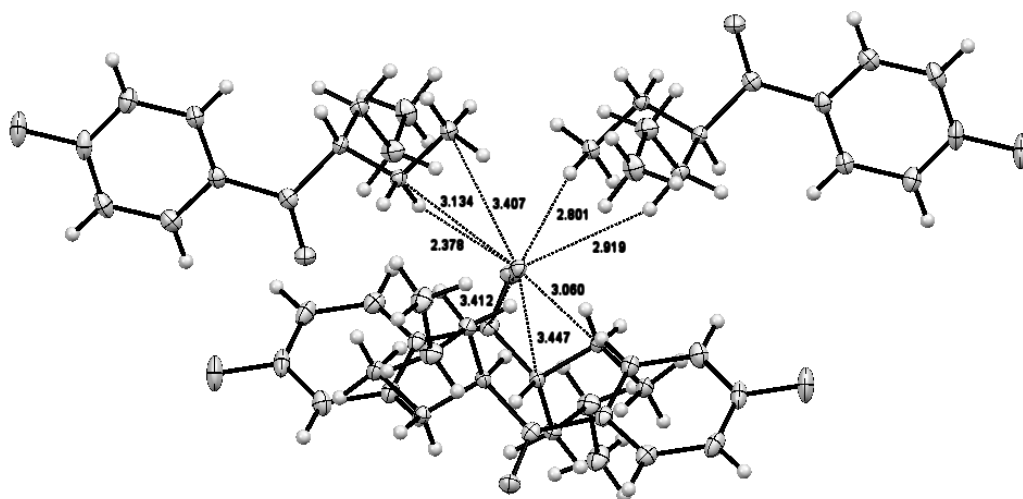


Fig. S9 Short contacts in crystal of compound **1** (4-FPD)

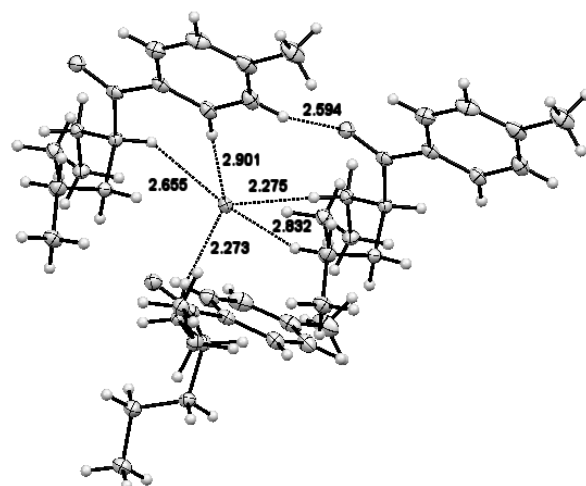


Fig. S10 Short contacts in crystal of compound **2** (4-MEAP)