

**New method for the synthesis of 2-hetaryl-
2-(1-R-pyrrolidin-2-ylidene)acetonitriles**

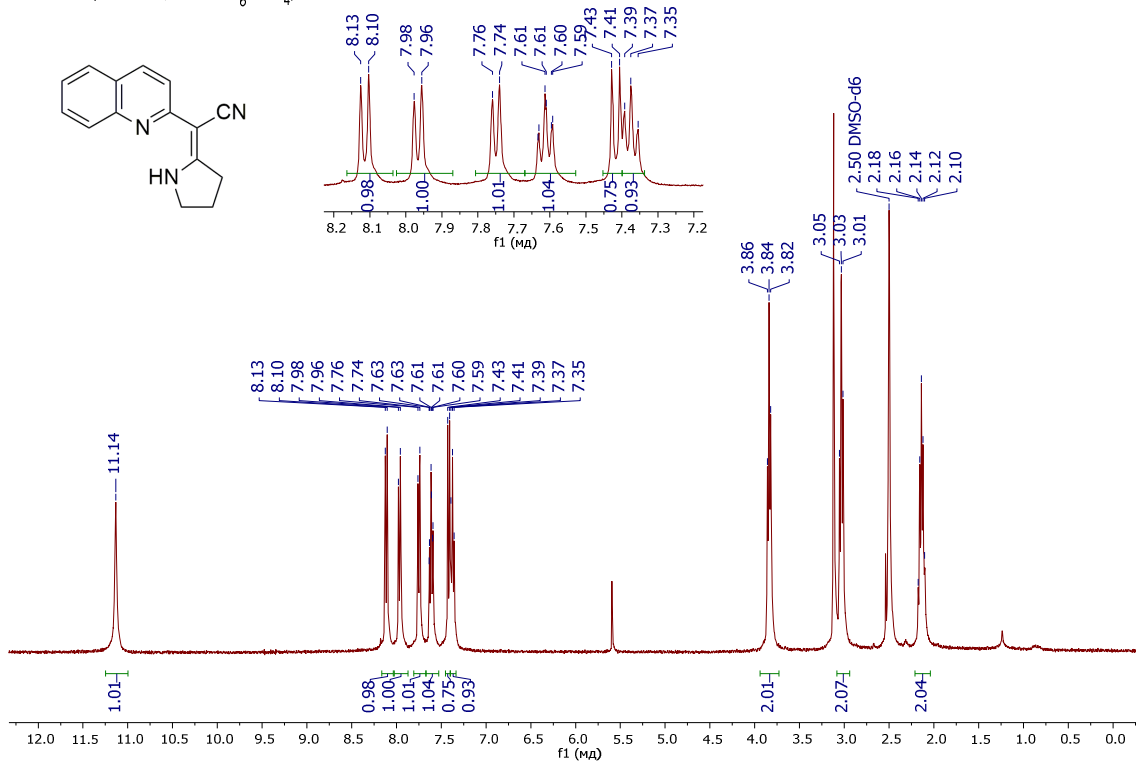
Elena. A. Kuleshova*¹, Olga. V. Khilya¹, Yulian. M. Volovenko¹

SUPPLEMENTARY INFORMATION

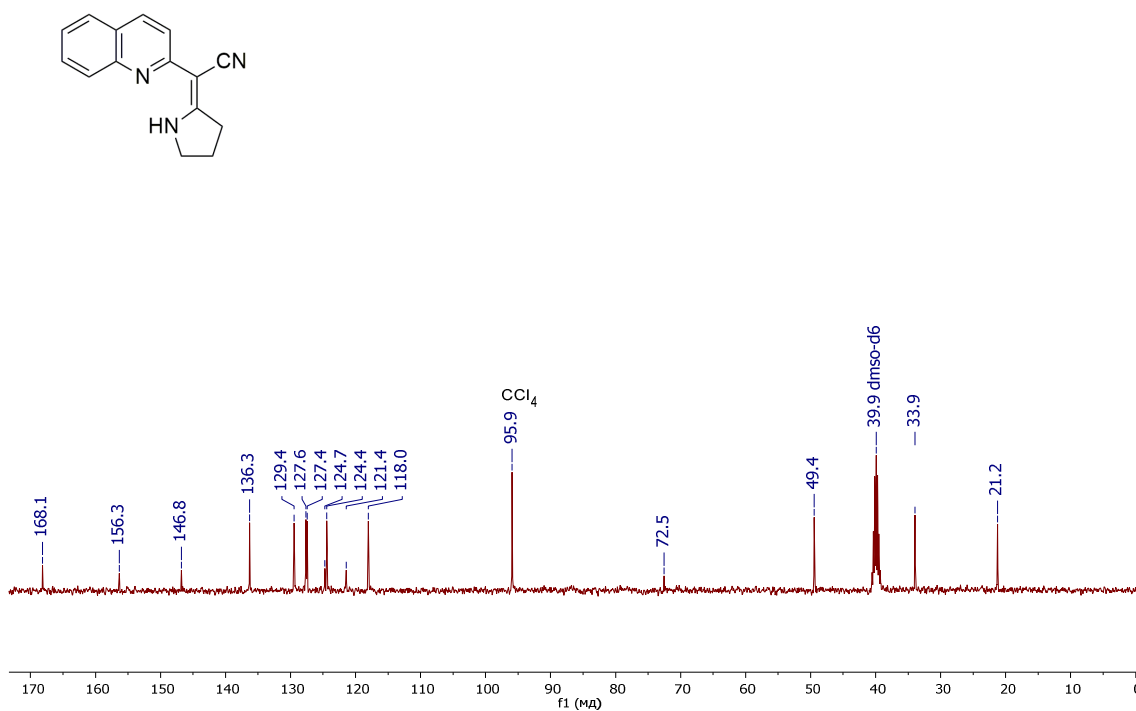
¹*Taras Shevchenko National university of Kyiv, 64/13, Volodymyrska Street, City of Kyiv, 01601 Ukraine;
e-mail: kuleshova.olena91@gmail.com*

(E)-2-(Pyrrolidin-2-ylidene)-2-(quinolin-2-yl)acetonitrile (1a)

¹H NMR (400 MHz, DMSO-*d*₆/CCl₄)

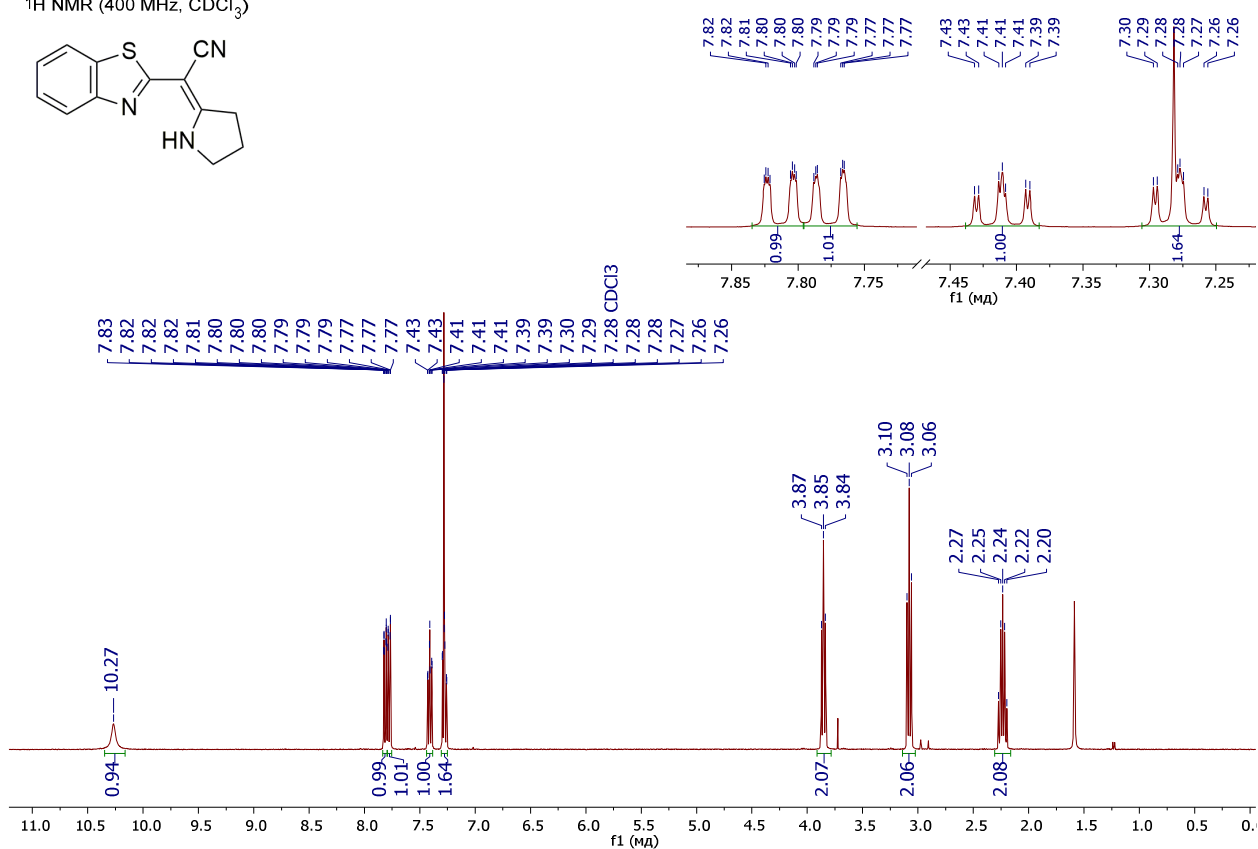
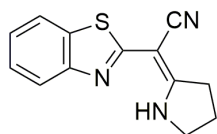


¹³C NMR (101 MHz, DMSO-*d*₆/CCl₄)

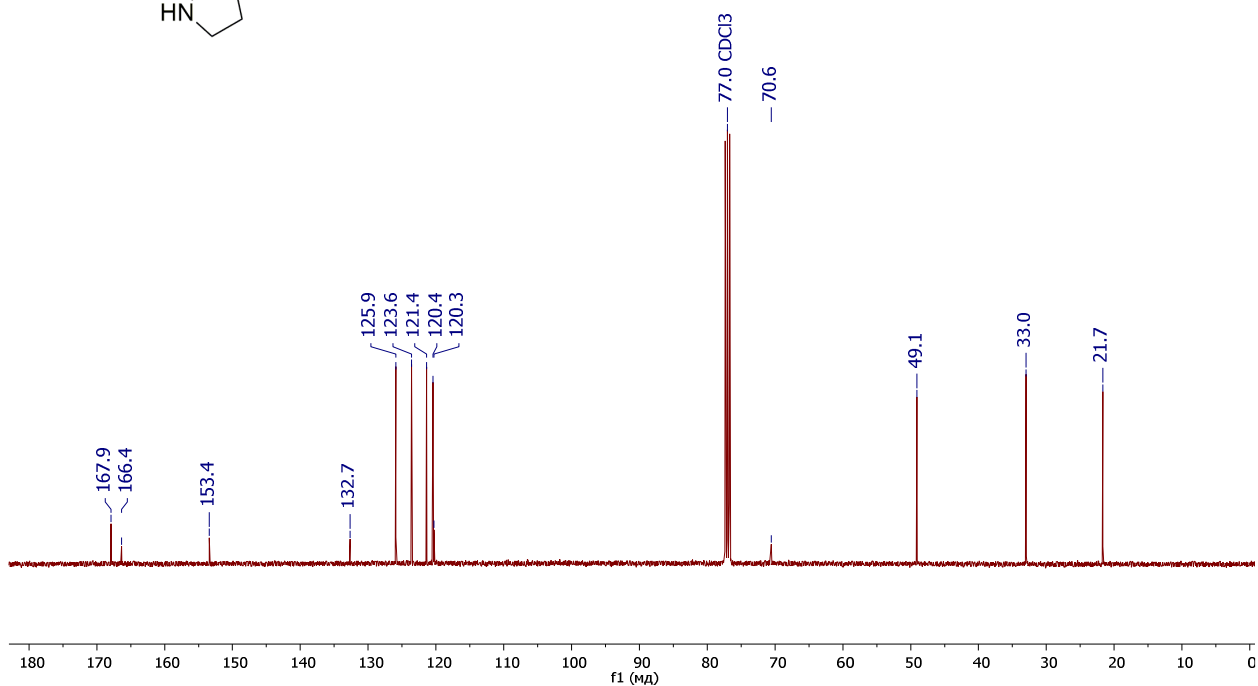
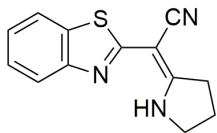


(Z)-2-(Benzo[d]thiazol-2-yl)-2-(pyrrolidin-2-ylidene)acetonitrile (1b)

¹H NMR (400 MHz, CDCl₃)

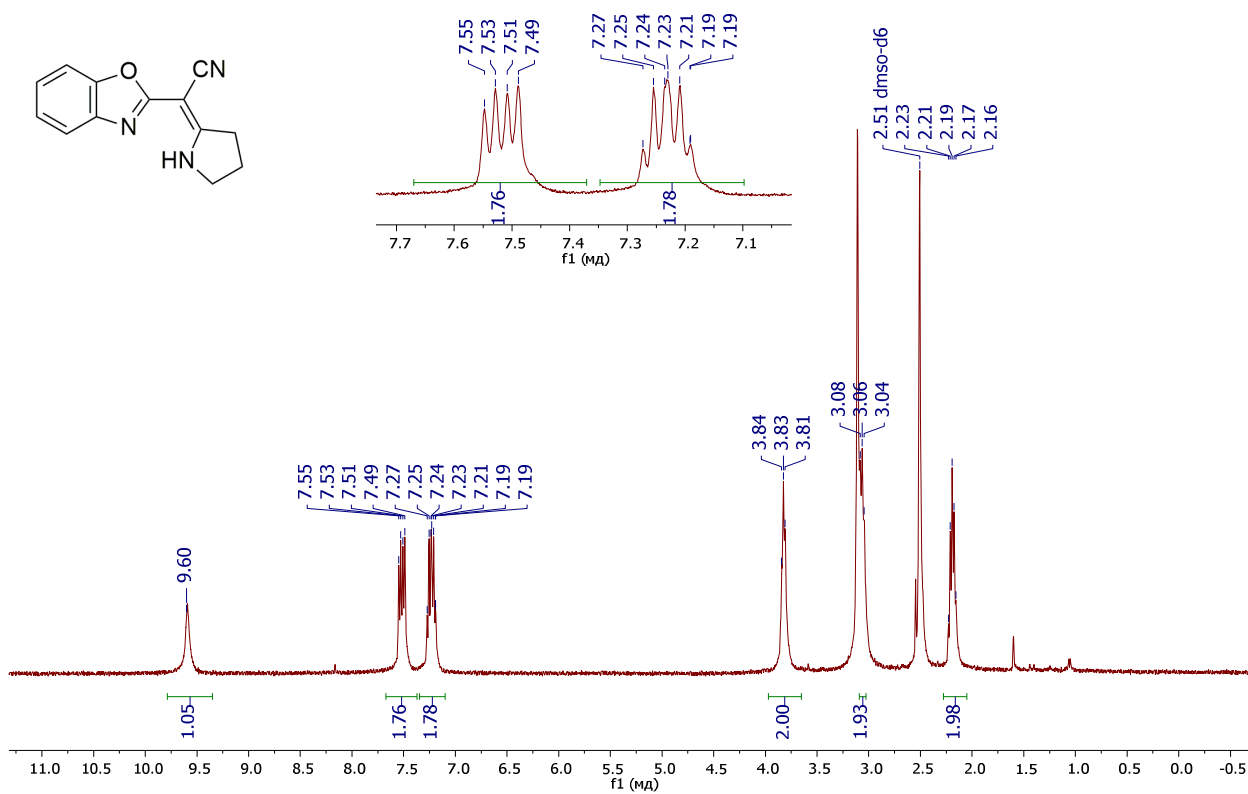


¹³C NMR (101 MHz, CDCl₃)

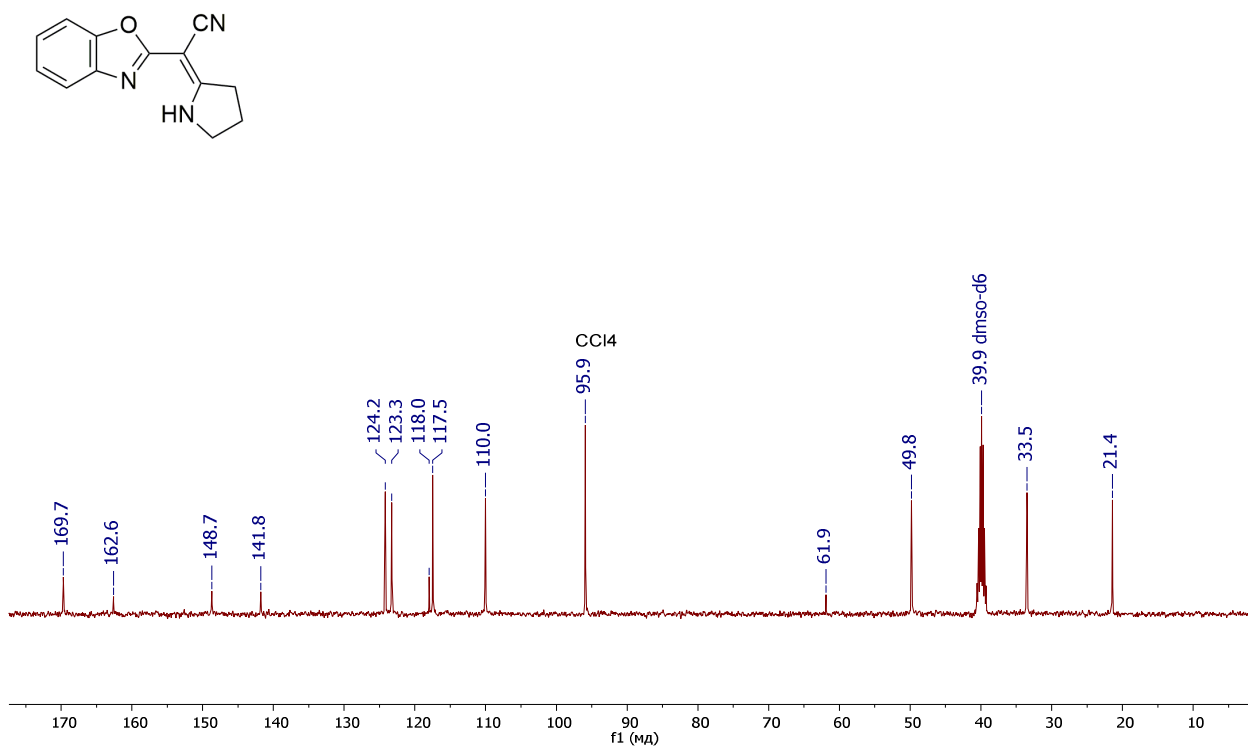


(Z)-2-(Benzo[d]oxazol-2-yl)-2-(pyrrolidin-2-ylidene)acetonitrile (1c)

¹H NMR (400 MHz, DMSO-*d*₆/CCl₄)

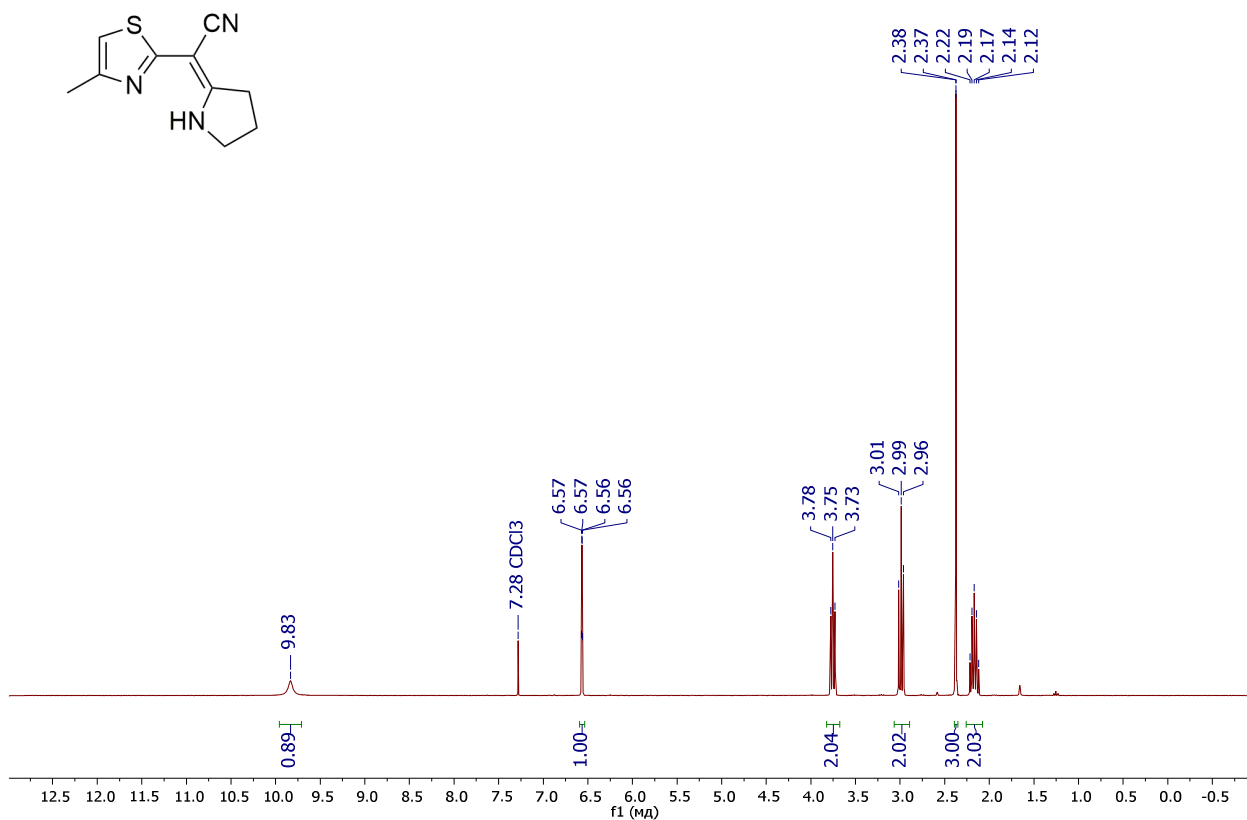


¹³C NMR (101 MHz, DMSO-*d*₆/CCl₄)

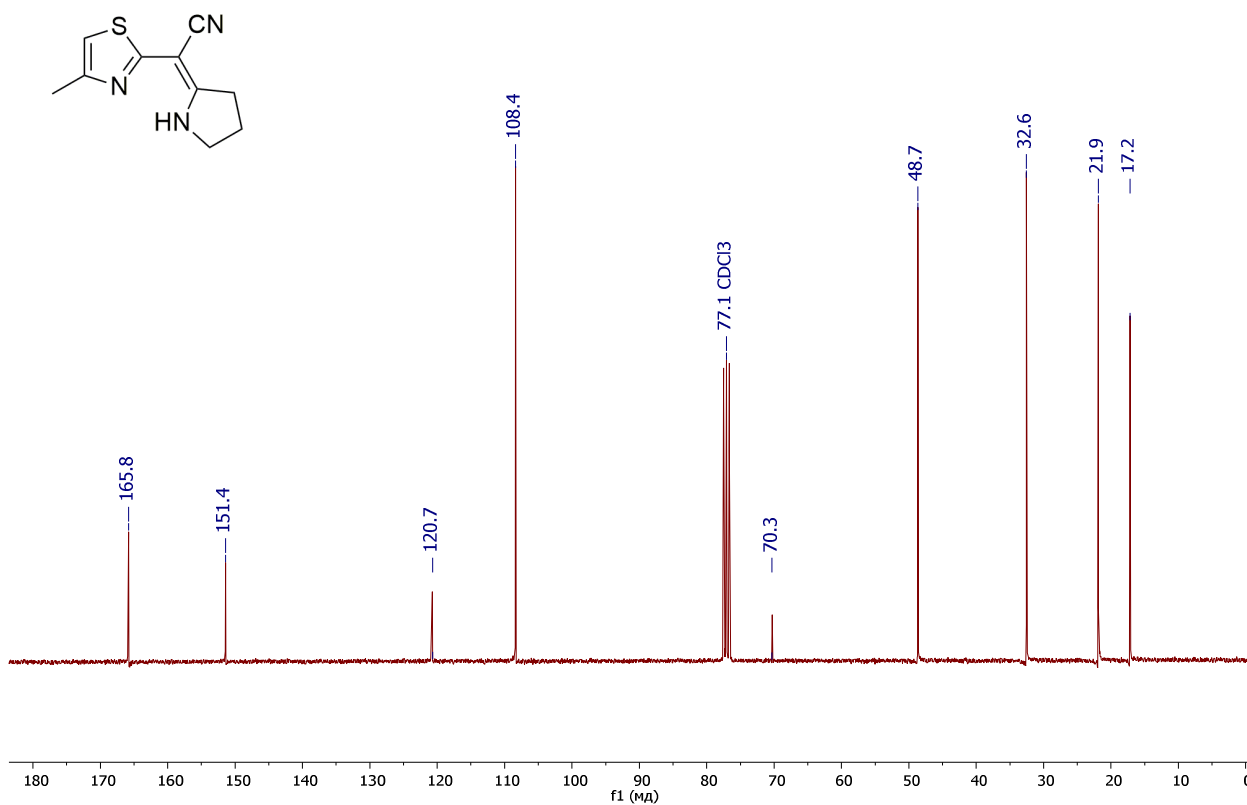


(Z)-2-(4-Methylthiazol-2-yl)-2-(pyrrolidin-2-ylidene)acetonitrile (1d)

¹H NMR (400 MHz, CDCl₃)



¹³C NMR (101 MHz, CDCl₃)



2-(Benzo[d]thiazol-2-yl)-2-(1-methylpyrrolidin-2-ylidene)acetonitrile (1e).

