Melting points were measured in open capillary tubes on a BÜCHI B-545 melting point apparatus and are uncorrected. The elemental analyses (C, H, N) were performed using the Perkin-Elmer 2400 CHN analyzer. Analysis results indicated by the symbols of the elements or functions were within ±0.4% of the theoretical values. The ^{1}H- (600 MHz) and ^{13}C-NMR (150 MHz) spectra were recorded on Bruker DPX super-conducting spectrometer in DMSO-d_6 using tetramethylsilane (TMS) as an internal standard. Chemical shifts are reported in ppm units with the use of δ scale. Mass spectra were obtained using electrospray (ES) ionization techniques on an Agilent 1100 series LCMS instrument.

*5-(2-Hydroxyethyl)-2-[(pyridin-2-yl)amino]-1,3-thiazolidin-4-one (**I**).* A mixture of 1.52 g (10 mmol) of 1-(pyridin-2-yl)thiourea, 1.82 g (11 mmol) of 3-bromotetrahydrofuran-2-one and 8.2 g (10 mmol) of fused sodium acetate in 100 mL of ethanol was heated under reflux for 5 h. Crystalline precipitate was filtered off, washed with ethanol and water and then recrystallized from ethanol. Yield 72%, mp. 186-188^{o}C, [187-188^{o}C (Váňa *et al.*, 2009)]. ^{1}H NMR (600 MHz, DMSO-d_6): 1.89 (m, 1H, CH_2), 2.29 (m, 1H, CH_2), 3.64 (m, 2H, CH_2), 4.17 (br.s, 1H, SCH), 4.82 (br.s, 1H, OH), 7.12 (br.s, 2H, arom.), 7.83 (br.s, 1H, arom.), 8.43 (d, 1H, J = 3.0 Hz, arom.), 11.93 (br.s, 1H, NH). ^{13}C NMR (150 MHz, DMSO-d_6): δ 35.8 (CH_2), 47.1 (SCH), 58.9 (OCH_2), 118.0, 119.6, 138.5, 146.8, 156.1, 165.1 (C=N), 180.6 (C=O). EI-MS (m/z): 238 (M^{+}+1). Calcd. for $C_{10}H_{11}N_3O_3S$: C, 50.62; H, 4.67, N, 17.71; Found: C, 50.80; H, 4.50, N, 17.90.

*Ethyl 4-[(4-oxothiazolidin-2-yl)amino]benzoate (**II**).* A solution of 2.41 g (10 mmol) of ethyl 4-(2-chloroacetylamino)benzoate and 1.14 g (15 mmol) of ammonium thiocyanate in 30 mL of absolute ethanol was refluxed for 4 h and allowed to stand overnight. The formed precipitate was filtered off, washed with water and then recrystallized from a mixture DMF-ethanol (1:3) or ethanol. Yield 78%, mp 188-189^{o}C, [186-187^{o}C (Behbehani & Ibrahim, 2012)]. ^{1}H NMR (600 MHz, DMSO-d_6): 1.32 (t, 3H, J = 7.2 Hz, CH_3), 4.04 (s, 2H, CH_2), 4.34 (q, 2H, J = 7.2 Hz, OCH_2), 7.07, 7.86 (2*d, 2H, J = 7.8 Hz, arom.), 7.96 (d, 2H, J = 7.8 Hz, arom.), 11.50 (br.s, 1H, NH). ^{13}C NMR (150 MHz, DMSO-d_6): δ 14.1 (CH_3), 34.3 (CH_2), 60.5 (OCH_2), 119.6, 121.2, 125.5, 129.8, 130.4, 130.9, 142.7 (C=N), 152.1 (C=N), 157.7 (C=N), 165.2 (C=O), 174.2 (C=O), 178.8 (C=O), 188.1 (C=O). EI-MS (m/z): 265 (M^{+}+1). Calcd. for $C_{12}H_{12}N_2O_3S$: C, 54.53; H, 4.58, N, 10.60; Found: C, 54.70; H, 4.50, N, 10.80.