



Corrigendum

Corrigendum to “Thiazolidine Derivatives as Promising Prostate Cancer Agents: Design, Synthesis, In Vitro Evaluation, DFT, ADME, POM, Docking, and Toxicity Studies” [Journal of Molecular Structure, 1340 (2025) 142544]

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The author's regret the following underlined corrections in Pages 3 and 4:

Subsection:

2.2.2.1. (2R/S,4R)-3-Acetyl-N'-benzoyl-2-phenylthiazolidine-4-carbohy drazide (AM₁). White Crystals, Yield: 27 %, m.p:114–116 °C, Rf=0.55. Mass spectra (EI: 70 eV): m/z =369 [M.+], major fragments at m/z 233, 106, 77, 43 and base peak at m/z135. FT-IR (cm⁻¹): 3373 w (NH), 3059 (CH-Ar), 2931(CH- α ph.), 1732s (C =O), 1604 m (NH bend.), 1251 (C-N), 1090 (C-O). ¹HNMR (DMSO-d₆, δ ppm, J Hz) spectrum in dicates the presence of two diastereoisomers (Fig. 3), with the trans isomer (2S,4R) being the major component (ratio 79:21) with main peaks at δ 1.78 (s, 3H, CH₃), δ 3.09 (m), δ 3.44 (t, 2H, C5, J =4 Hz), δ 4.74 (m, 1H, C4, J =4 Hz), δ 6.53 (s, 1H, H-2), δ 7.26–7.92 (d, t, 10H, J =8 Hz, H-Ar), δ 8.94, 9.85 (s, 2H, NH amide).

Correction:

2.2.2.1. (2R/S,4R)-3-Acetyl-N'-benzoyl-2-phenylthiazolidine-4-carbohy drazide (AM₁). White Crystals, Yield: 27 %, m.p:114–116 °C, Rf=0.55. Mass spectra (EI: 70 eV): m/z =369 [M.+], major fragments at m/z 233, 106, 77, 43 and base peak at m/z135. FT-IR (cm⁻¹): 3373 w (NH), 3059 (CH-Ar), 2931(CH- α ph.), 1732s (C =O), 1604 m (NH bend.), 1251 (C-N), 1090 (C-O). ¹HNMR (DMSO-d₆, δ ppm, J Hz) spectrum in dicates the presence of two diastereoisomers (Fig. 3), with

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The same in the following subsections:

2.2.2.2. (2R/S,4R)-3-acetyl-N'-benzoyl-2-(4-methoxyphenyl)thiazolidine- 4-carbohydrazide (AM₂).

Text: 3.1 (m), 3.45 (t, 2H, C5, J =4 Hz), 4.6 (m, 1H, C4, J = 4 Hz),

Correction: 3.1 (m, 1H, C5), 3.45 (m, 1H, C5), 4.6 (m, 1H, C4),

2.2.2.3. (2R/S,4R)-3-acetyl-N'-benzoyl-2-(4-nitrophenyl)thiazolidine-4- carbohydrazide (AM₃).

Text: 3.08 (m), 3.37 (t, 1H, C5, J =4 Hz), 4.78 (m, 1H, C4, J = 4 Hz),

Correction: 3.08 (m, 1H, C5), 3.37 (m, 1H, C5), 4.78 (m, 1H, C4),

2.2.2.4. (2R/S,4R)-3-acetyl-N'-benzoyl-2-(4-chlorophenyl)thiazolidine- 4-carbohydrazide (AM₄).

Text: 3.04 (m), 3.6 (t, 2H, C5, J = 4 Hz), 4.67 (m, 1H, C4, J = 4 Hz),

Correction: 3.04 (m, 1H, C5), 3.6 (m, 1H, C5), 4.67 (m, 1H, C4),.....

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