addenda and errata

Acta Crystallographica Section E Structure Reports Online

ISSN 1600-5368

Mehmet Akkurt,^a* Sevim Türktekin,^a Hasan Küçükbay,^b Ülkü Yılmaz^b and Orhan Büyükgüngör^c

^aDepartment of Physics, Faculty of Arts and Sciences, Erciyes University, 38039 Kayseri, Turkey, ^bDepartment of Chemistry, Faculty of Arts and Sciences, Ínönü University, 44280 Malatya, Turkey, and ^cDepartment of Physics, Faculty of Arts and Sciences, Ondokuz Mayıs University, 55139 Samsun, Turkey

Correspondence e-mail: akkurt@erciyes.edu.tr

1-[2-(5-Nitro-1*H*-benzimidazol-1-yl)ethyl]morpholinium chloride. Corrigendum

In the paper by Akkurt, Türktekin, Küçükbay, Yılmaz & Büyükgüngör [*Acta Cryst.* (2005), E**61**, o166–o168], the experimental section is incorrect. The correct experimental section is given below.

Experimental

The title compound was synthesized by nucleophilic substitution of 5-nitrobenzimidazole with *N*-(2-chloroethyl)morpholine hydrochloride. A mixture of 5-nitrobenzimidazole (2.00 g, 12.27 mmol) and *N*-(2-chloroethyl)morpholine hydrochloride (2.28 g, 12.27 mmol) in DMF (8 ml) was heated on a water bath for 3 h. All volatiles were then removed *in vacuo*. The crude product obtained was crystallized from an EtOH/Et₂O (3:1) mixture (yield: 2.76 g, 72%; m.p. 556-557 K). ¹H NMR (D₂O): δ 3.67 (*t*, *CH*₂CH₂-morpholine, 2H), 3.63 (*t*, ring methylene, 4H), 3.86 (*t*, CH₂CH₂-morpholine, 2H), 4.71 (*t*, ring methylene, 4H), 7.56–8.36 (*m*, Ar-H, 4H). ¹³C NMR (D₂O): δ 39.34, 52.09, 54.70, 63,62, 107.53, 118.73, 119.41, 143.68. Analysis calculated for C₁₃H₁₇ClN₄O₃: C 49.92, H 5.44, N 17.92%; found: C 49.87, H 5.44, N 17.76%.

© 2007 International Union of Crystallography Printed in Great Britain – all rights reserved