Acta Crystallographica Section E
Structure Reports Online
ISSN 1600-5368

N′-[(*E*)-(1-Methyl-1*H*-pyrrol-2-yl)methylidene]pyridine-4-carbohydrazide. Corrigendum

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Received 21 July 2010; accepted 3 August 2010

The name of one of the authors in the paper by Hussain *et al.* [*Acta Cryst.* (2010), E**66**, o1881] is corrected.

In the paper by Hussain *et al.* (2010), the last author is incorrectly given as 'Muhammad Mazhar'. The correct name of the last author should be 'Mazhar Hussain' as above.

References

Hussain, A., Tahir, M. N., Shafiq, Z., Yaqub, M. & Mazhar, M. (2010). *Acta Cryst.* E**66**, o1881.

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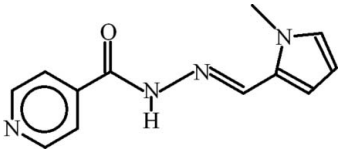
Received 27 June 2010; accepted 28 June 2010

Key indicators: single-crystal X-ray study; T = 296 K; mean σ(C–C) = 0.002 Å; R factor = 0.045; wR factor = 0.127; data-to-parameter ratio = 18.1.

In the title compound, $C_{12}H_{12}N_4O$, the pyridine and pyrrole rings are inclined at an angle of 29.22 (8)° and an intramolecular C—H···N interaction geneates an S(6) ring. In the crystal, molecules are linked by N—H···N hydrogen bonds, forming (010) C(7) chains. The chains are cross-linked by weak C—H···O interactions, which generate $R_2^2(18)$ ring motifs within an infinite sheet. Finally, two C—H···π interactions are present, where the C—H groups are from the pyridine ring and π is the pyrrole ring.

Related literature

For background information on Schiff bases containing heterocyclic rings and for related structures, see: Shafiq *et al.*,(2009*a*,*b*); Hussain *et al.* (2010) For graph-set notation, see: Bernstein *et al.* (1995).



Experimental

Crystal data

$C_{12}H_{12}N_4O$
M_r = 228.26
Monoclinic, $P2_1/n$
a = 8.2134 (3) Å
b = 10.6740 (4) Å
c = 13.1332 (4) Å
β = 96.938 (2)°
V = 1142.95 (7) Å^3
Z = 4
Mo $K\alpha$ radiation
μ = 0.09 mm^{-1}
T = 296 K
0.24 × 0.18 × 0.15 mm

Data collection

Bruker Kappa APEXII CCD diffractometer
Absorption correction: multi-scan (*SADABS*; Bruker, 2005)
T_{min} = 0.980, T_{max} = 0.985
12030 measured reflections
2803 independent reflections
2023 reflections with $I > 2\sigma(I)$
R_{int} = 0.029

Refinement

$R[F^2 > 2\sigma(F^2)]$ = 0.045
$wR(F^2)$ = 0.127
S = 1.04
2803 reflections
155 parameters
H-atom parameters constrained
$\Delta\rho_{max}$ = 0.28 e Å^{-3}
$\Delta\rho_{min}$ = −0.21 e Å^{-3}

Table 1
Hydrogen-bond geometry (Å, °).

*Cg*1 is the centroid of the C8—C11/N4 ring.

D—H···A	D—H	H···A	D···A	D—H···A
N2—H2···N1^{i}	0.86	2.19	3.0205 (18)	163
C4—H4···O1^{ii}	0.93	2.54	3.3821 (19)	150
C12—H12*B*···O1^{iii}	0.96	2.55	3.450 (2)	156
C12—H12*C*···N3	0.96	2.36	3.025 (2)	126
C2—H2*A*···*Cg*1^{iv}	0.93	2.83	3.3258 (16)	114
C5—H5···*Cg*1^{v}	0.93	2.71	3.4669 (17)	139

Symmetry codes: (i) $-x+\frac{1}{2}, y+\frac{1}{2}, -z+\frac{1}{2}$; (ii) $x-\frac{1}{2}, -y+\frac{1}{2}, z-\frac{1}{2}$; (iii) $-x+2, -y+1, -z+1$; (iv) $-x+1, -y+1, -z+1$; (v) $-x+\frac{3}{2}, y-\frac{1}{2}, -z+\frac{1}{2}$.

Data collection: *APEX2* (Bruker, 2009); cell refinement: *SAINT* (Bruker, 2009); data reduction: *SAINT*; program(s) used to solve structure: *SHELXS97* (Sheldrick, 2008); program(s) used to refine structure: *SHELXL97* (Sheldrick, 2008); molecular graphics: *ORTEP-3 for Windows* (Farrugia, 1997) and *PLATON* (Spek, 2009); software used to prepare material for publication: *WinGX* (Farrugia, 1999) and *PLATON*.

The authors acknowledge the provision of funds for the purchase of diffractometer and encouragement by Dr Muhammad Akram Chaudhary, Vice Chancellor, University of Sargodha, Pakistan.

Supplementary data and figures for this paper are available from the IUCr electronic archives (Reference: HB5530).

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