

# Corrigendum

## UV and $^{15}\text{N}$ NMR integrated study of the protonation of aminoazoles

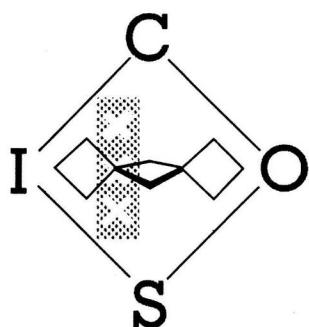
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*J. Chem. Soc., Perkin Trans. 2*, 1989, 1941–1945

All the  $^{15}\text{N}$  chemical shift values reported in Table 1 and through the text, contain a systematic error. The actual values can be obtained by adding +21.6 ppm to the reported chemical shifts. The correct Table 1, with other minor adjustments, is given below. The entry at line 5 from the bottom of page 1943, should read  $\delta_{\text{N}(2)} - 185.4$ .

**Table 1**  $^{15}\text{N}$  Chemical shifts for aminoisoxazoles, amino-1-methylpyrazoles and amino-1-phenylpyrazoles<sup>a,b</sup>

	Nucleus	$\delta_{\text{N}}(\text{free base})^c$ (ppm)	$\delta_{\text{N}}(\text{hydrochloride})^d$ (ppm)	$\delta_{\text{N}}(\text{sample})^e$ (ppm)
<b>1</b>	N2	−57.0		−168.1 (−111.1)
	NH2	−335.5		−319.4 (+16.1)
<b>2</b>	N2	−15.8	−9.3 (+6.5)	−36.1 (−20.3)
	NH2	−356.6	−341.8 (+14.8)	−351.1 (+5.5)
<b>3</b>	N2	−32.7		−166.9 (−134.2)
	NH2	−323.1		−311.8 (+11.3)
<b>4</b>	N1	−199.9	−183.7 (+16.2)	−197.7 (+2.2)
	N2	−107.3	−94.0 (+13.3)	−187.0 (−79.7)
	NH2	−336.1	−329.7 (+6.4)	−332.3 (+3.8)
<b>5</b>	N1	−189.7	−180.9 (+8.8)	
	N2	−78.2	−75.1 (+3.1)	Decomposes
	NH2	−354.1	−344.1 (+10.0)	
<b>6</b>	N1	−203.6	−198.6 (+5.0)	−208.9 (−5.3)
	N2	−97.5	−222.7 (−125.2)	−221.0 (−123.5)
	NH2	−340.9	−323.0 (+17.9)	−330.9 (+10.0)
<b>8</b>	N1	−185.4	−166.9 (+18.5)	−182.1 (+3.3)
	N2	−122.5	−94.9 (+27.6)	−177.2 (−54.7)
	NH2	−335.8	−329.8 (+6.0)	−330.3 (+5.5)
<b>9</b>	N1	−170.9	−162.0 (+8.9)	−164.9 (+6.0)
	N2	−82.0	−77.6 (+4.4)	−127.0 (−45.0)
	NH2	−349.6	−340.1 (+9.5)	−348.4 (+1.2)
<b>10</b>	N1	−181.9	−185.7 (−3.8)	−206.7 (−24.8)
	N2	−93.5	−205.5 (−112.0)	−210.4 (−116.9)
	NH2	−334.0	−321.7 (+12.3)	−329.0 (+5.0)



# 11th

INTERNATIONAL CONFERENCE  
ON ORGANIC SYNTHESIS (ICOS-11)  
organized by the Stichting Chemische Congresen V under the auspices of

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- Oral Communications
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G. Mehta

K.C. Nicolaou  
W.C. Still  
C-H. Wong

**Lectures in the Mini Symposium on Synthesis Directed towards  
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A. De Mesmaeker

M. Neya  
J. Nuss

I. Shinkai  
P. Sinaÿ

**Section Lectures**

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