Acta Cryst. (1975). B31, 1221

The crystal structure of uridine: errata. By EDWARD A. GREEN, R. D. ROSENSTEIN, R. SHIONO and DONALD J. ABRAHAM, *Departments of Crystallography and Medicinal Chemistry, University of Pittsburgh, Pittsburgh, Pennsylvania* 15260, *U.S.A.* and BENES L. TRUS and RICHARD E. MARSH, *Arthur Amos Noyes Laboratory of Chemical Physics, California Institute of Technology, Pasadena, California* 91109, *U.S.A.*

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In Table 3 of the paper by Green, Rosenstein, Shiono, Abraham, Trus & Marsh (*Acta Cryst.* (1975). B31, 102–107) the positional coordinates of some of the hydrogen atoms are in error: z for H(4) should be 227 (2), x for H(9) should be 180 (4) and y for H(12) should be 88 (2). In Table 7 of the same paper the hydrogen bond listed as O(2′) (*B*)–H(6) (*A*)···O(2) (*A*) should be O(2′) (*B*)–H(6) (*B*)···O(2) (*A*).

The z coordinate of atom H(4), the x coordinate of atom H(9) and the y coordinate of atom H(12) given in Table 3 of Green, Rosenstein, Shiono, Abraham, Trus & Marsh (1975) are incorrect and the hydrogen bond O(2′) (*B*)–H(6) (*B*)···O(2) (*A*) is incorrectly listed in Table 7 of the same paper. The corrected versions of both tables are given below.

References

GREEN, E. A., ROSENSTEIN, R. D., SHIONO, R., ABRAHAM, D. J., TRUS, B. L. & MARSH, R. E. (1975). *Acta Cryst.* B31, 102–107.

Table 3. *Final coordinates* ($\times 10^3$) *and isotropic thermal parameters of the hydrogen atoms*

	Molecule *A*				Molecule *B*			
	x	y	z	B	x	y	z	B
H(1)	1080 (6)	241 (2)	226 (2)	4·4 (0·7)	605 (6)	313 (2)	20 (2)	5·4 (0·8)
H(2)	855 (5)	255 (2)	493 (2)	2·7 (0·5)	433 (6)	407 (2)	267 (2)	3·9 (0·6)
H(3)	531 (5)	138 (2)	450 (2)	2·5 (0·5)	718 (6)	528 (2)	241 (2)	3·7 (0·6)
H(4)	364 (5)	50 (2)	227 (2)	2·3 (0·5)	1176 (5)	531 (2)	75 (2)	2·2 (0·5)
H(5)	788 (5)	−44 (2)	284 (2)	2·5 (0·5)	761 (5)	616 (2)	−2 (2)	3·1 (0·6)
H(6)	544 (7)	−125 (2)	197 (2)	8·3 (0·9)	1126 (6)	661 (2)	−47 (2)	6·1 (0·8)
H(7)	714 (5)	−32 (2)	449 (2)	2·5 (0·5)	663 (5)	673 (1)	153 (1)	1·8 (0·5)
H(8)	684 (7)	−167 (2)	496 (2)	4·2 (1·0)	888 (6)	816 (2)	72 (2)	3·7 (0·7)
H(9)	180 (4)	−82 (2)	402 (2)	1·4 (0·5)	1213 (5)	728 (2)	189 (2)	1·8 (0·5)
H(10)	248(5)	−71 (2)	563 (2)	2·8 (0·6)	1019 (6)	782 (2)	314 (2)	4·0 (0·6)
H(11)	83 (6)	20 (2)	528 (2)	3·9 (0·7)	1150 (6)	686 (2)	351 (2)	4·4 (0·7)
H(12)	407 (6)	88 (2)	609 (2)	5·4 (0·8)	678 (7)	735 (2)	363 (2)	6·2 (0·8)

Table 7. *Hydrogen bonds D*–H···*A*

Donor (*D*)	Hydrogen (H)	Acceptor (*A*)	in molecule at	*D*···*A*	*H*···*A*	∠*D*–H···*A*
N(3) (*A*)	H(1) (*A*)	O(4) (*B*)	$1+x, y, z$	2·771 Å	1·84 Å	170°
O(2′) (*A*)	H(6) (*A*)	O(3′) (*B*)	$x, y-1, z$	2·959	2·11	153
O(3′) (*A*)	H(8) (*A*)	O(4) (*A*)	$2-x, y-\frac{1}{2}, 1-z$	2·721	1·83	177
O(5′) (*A*)	H(12) (*A*)	O(5′) (*B*)	$1-x, y-\frac{1}{2}, 1-z$	2·772	1·87	170
N(3) (*B*)	H(1) (*B*)	O(3′) (*B*)	$1-x, y-\frac{1}{2}, -z$	3·023	2·39	133
N(3) (*B*)	H(1) (*B*)	O(2′) (*B*)	$2-x, y-\frac{1}{2}, -z$	2·930	2·37	125
O(2′) (*B*)	H(6) (*B*)	O(2) (*A*)	$2-x, y+\frac{1}{2}, -z$	2·769	1·95	171
O(3′) (*B*)	H(8) (*B*)	O(2) (*B*)	$2-x, y+\frac{1}{2}, -z$	2·781	1·96	149
O(5′) (*B*)	H(12) (*B*)	O(3′) (*A*)	$x, y+1, z$	2·774	1·84	165
C(5) (*B*)	H(2) (*B*)	O(4) (*A*)	$x-1, y, z$	3·258	2·42	150