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Intramolecular Bond Angles Involving the Nonhydrogen Atoms cont

atom	atom	atom	angle	atom	atom	atom	angle
N4	C24	C25	122.6(5)	FE2	C31	C32	69.8(3)
FE2	C25	C24	136.6(4)	FE2	C31	C34	55.5(2)
FE2	C25	C26	68.3(3)	C30	C31	C32	108.0(5)
FE2	C25	C29	68.6(3)	C30	C31	C34	36.5(4)
C24	C25	C26	126.9(5)	C32	C31	C34	71.5(4)
C24	C25	C29	125.3(4)	FE2	C32	C30	55.7(2)
C26	C25	C29	106.8(4)	FE2	C32	C31	69.6(3)
FE2	C26	C25	70.5(3)	FE2	C32	C33	70.1(4)
FE2	C26	C27	69.5(3)	FE2	C32	C34	55.6(2)
C25	C26	C27	108.0(5)	C30	C32	C31	35.7(3)
FE2	C27	C26	70.0(3)	C30	C32	C33	72.7(4)
FE2	C27	C28	69.2(3)	C30	C32	C34	36.3(3)
C26	C27	C28	108.7(4)	C31	C32	C33	108.4(6)
FE2	C28	C27	69.9(3)	C31	C32	C34	72.0(4)
FE2	C28	C29	70.2(3)	C33	C32	C34	36.4(4)
C27	C28	C29	107.8(5)	FE2	C33	C32	69.7(4)
FE2	C29	C25	70.8(3)	FE2	C33	C34	68.6(4)
FE2	C29	C28	68.9(3)	C32	C33	C34	107.2(6)
C25	C29	C28	108.7(5)	FE2	C34	C30	70.0(4)
FE2	C30	C31	70.4(4)	FE2	C34	C31	56.5(2)
FE2	C30	C32	56.3(3)	FE2	C34	C32	56.7(2)
FE2	C30	C34	69.1(4)	FE2	C34	C33	70.9(4)
C31	C30	C32	36.3(3)	C30	C34	C31	36.0(4)
C31	C30	C34	107.6(7)	C30	C34	C32	72.5(5)
C32	C30	C34	71.2(5)	C30	C34	C33	108.8(6)
FE2	C31	C30	69.4(3)	C31	C34	C32	36.5(2)

Angles are in degrees. Estimated standard deviations in the least significant figure are given in parentheses.

Intramolecular Bond Angles Involving the Nonhydrogen Atoms cont

atom	atom	atom	angle	atom	atom	atom	angle
C31	C34	C33	72.8(4)				
C32	C34	C33	36.4(3)				
N3	C35	C36	108.0(4)				
N3	C35	C40	111.5(5)				
C36	C35	C40	109.9(4)				
C35	C36	C37	111.0(5)				
C36	C37	C38	111.2(5)				
C37	C38	C39	111.5(5)				
C38	C39	C40	111.0(5)				
C35	C40	C39	111.0(5)				
N4	C41	C42	109.2(4)				
N4	C41	C46	110.0(4)				
C42	C41	C46	110.7(4)				
C41	C42	C43	110.6(4)				
C42	C43	C44	111.9(4)				
C43	C44	C45	110.6(5)				
C44	C45	C46	111.0(5)				
C41	C46	C45	110.7(4)				
O1	C48	C47	108.2(9)				
O1	C49	C50	109.7(6)				

Angles are in degrees. Estimated standard deviations in the least significant figure are given in parentheses.