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### Research paper

## Preparation and Characterization of a Novel Coordination

### Compound [K(18-crown-6)][N(NO<sub>2</sub>)<sub>2</sub>]

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### Content

**Table S1.** Selected bond lengths of [K(18C6)][N(NO<sub>2</sub>)<sub>2</sub>]

**Table S2.** Selected bond angles of [K(18C6)][N(NO<sub>2</sub>)<sub>2</sub>]

**Table S1.** Selected bond lengths of [K(18C6)][N(NO<sub>2</sub>)<sub>2</sub>]

Bond	Length [Å]
K(1)–O(1)	2.807(2)
K(1)–O(1A)	2.807(2)
K(1)–O(2)	2.805(2)
K(1)–O(2A)	2.805(2)
K(1)–O(3)	2.809(2)
K(1)–O(3A)	2.809(2)
K(1)–O(4)	2.800(8)
O(1)–C(1)	1.415(4)
O(1)–C(2)	1.410(4)
O(2)–C(3)	1.411(4)
O(2)–C(4)	1.397(4)
O(3)–C(5)	1.419(4)
O(3)–C(6)	1.402(4)
O(4)–N(1)	1.179(8)
O(5)–N(1)	1.190(8)
O(6)–N(3)	1.206(8)
O(7)–N(3)	1.178(7)
N(1)–N(2)	1.411(1)
N(2)–N(3)	1.388(1)
C(1)–C(6)	1.483(5)
C(2)–C(3)	1.478(5)
C(4)–C(5)	1.486(6)
C(6)–C(1)	1.483(5)

**Table S2.** Selected bond angles of [K(18C6)][N(NO<sub>2</sub>)<sub>2</sub>]

Bond	Angle [°]	Bond	Angle [°]
O(1)–K(1)–O(1A)	180.0	C(4)–O(2)–K(1)	112.88(2)
O(1)–K(1)–O(3)	60.12(7)	C(4)–O(2)–C(3)	112.2(2)
O(1)–K(1)–O(3A)	119.88(7)	C(5)–O(3)–K(1)	111.49(2)
O(2)–K(1)–O(1)	60.19(6)	C(6)–O(3)–K(1)	114.70(2)
O(2A)–K(1)–O(1)	119.81(6)	C(6)–O(3)–C(5)	113.2(3)
O(2)–K(1)–O(2A)	180.0	N(1)–O(4)–K(1)	122.4(9)
O(2)–K(1)–O(3)	118.70(6)	O(4)–N(1)–O(5)	128.4(1)
O(2)–K(1)–O(3A)	61.30(6)	O(4)–N(1)–N(2)	108.6(9)
O(3)–K(1)–O(3A)	180.0	O(5)–N(1)–N(2)	118.3(1)
O(4)–K(1)–O(1)	95.66(2)	N(3)–N(2)–N(1)	116.2(7)
O(4)–K(1)–O(1A)	84.34(2)	O(6)–N(3)–N(2)	114.3(9)
O(4)–K(1)–O(2)	102.41(2)	O(7)–N(3)–O(6)	135.8(1)
O(4)–K(1)–O(2A)	77.59(2)	O(7)–N(3)–N(2)	106.8(8)
O(4)–K(1)–O(3)	71.00(2)	O(1)–C(1)–C(6)	109.6(2)
O(4)–K(1)–O(3A)	109.00(2)	O(1)–C(2)–C(3)	108.7(2)
C(1)–O(1)–K(1)	113.59(2)	O(2)–C(3)–C(2)	109.8(2)
C(2)–O(1)–K(1)	115.15(2)	O(2)–C(4)–C(5)	109.5(2)
C(2)–O(2)–C(1)	113.4(2)	O(3)–C(5)–C(4)	109.8(3)
C(3)–O(2)–K(1)	112.91(2)	O(3)–C(6)–C(1)	108.7(2)

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