

SUPPORTING INFORMATION

$[\text{NO}_3\text{C}\{(\text{en})\text{Pt}(2,2'\text{-bpz})\}_3]\text{NO}_3(\text{SO}_4)_2$: Snapshot of nitrate insertion into a cationic Pt_3 metallacycle or simply a packing effect?

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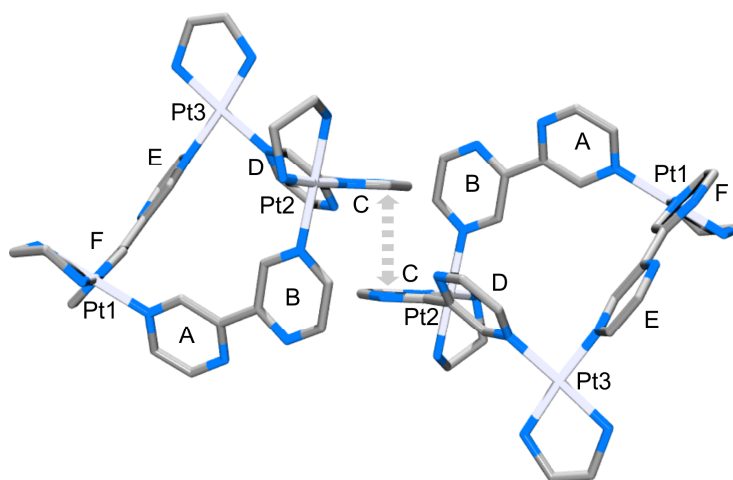


Figure S11: Detail of the π - π staking (C-rings, 3.3 Å) connecting both cations of **3** within the unit cell. Water molecules and counter anions were omitted for clarity.

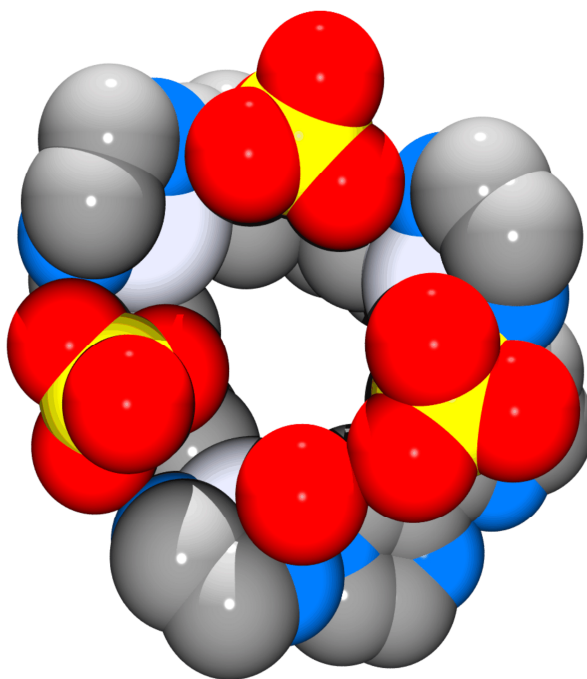


Figure SI2: Lower view (space filling) of the cation **3** with detail of binding of three sulfate anions and a water molecule in its basis.

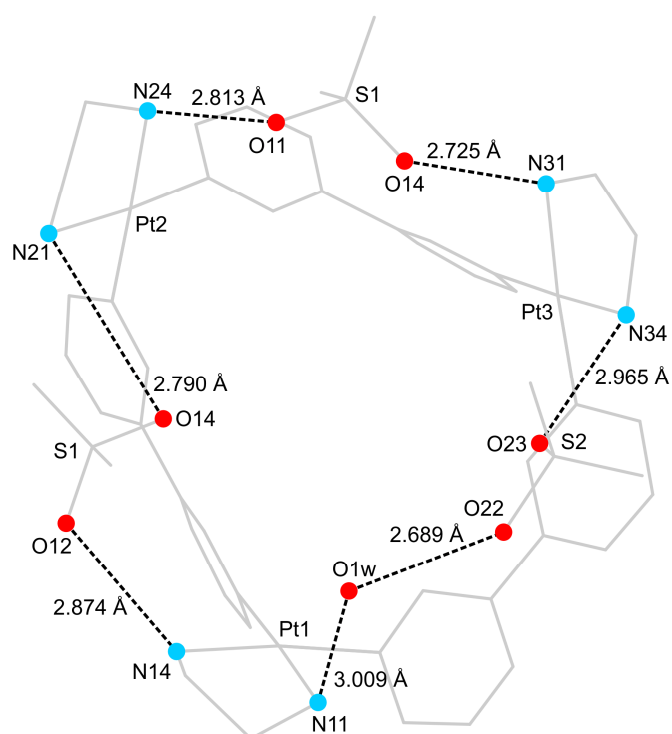


Figure SI3: Schematic representation of hydrogen bonding involving the sulfate anions inserted between enPt^{II} entities in **3**.

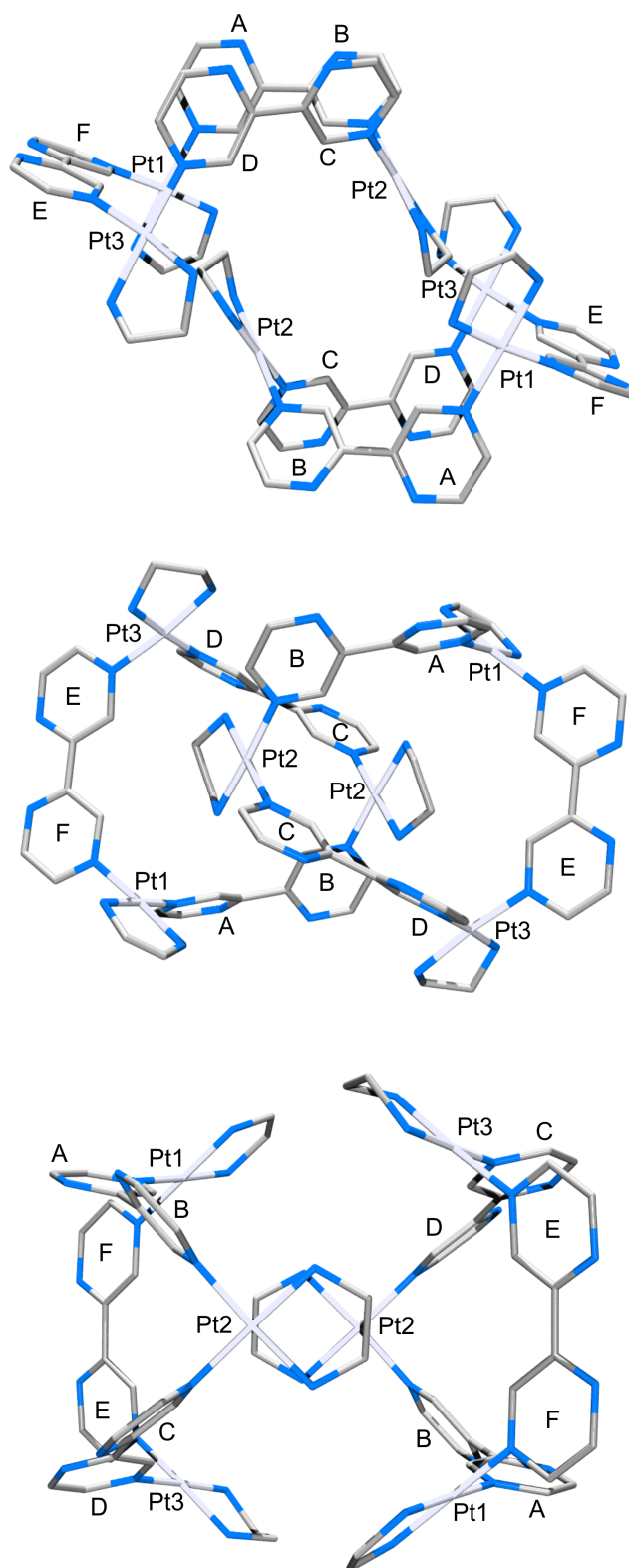


Figure SI4: Three different views of the mutual interaction between two cations of **3**.

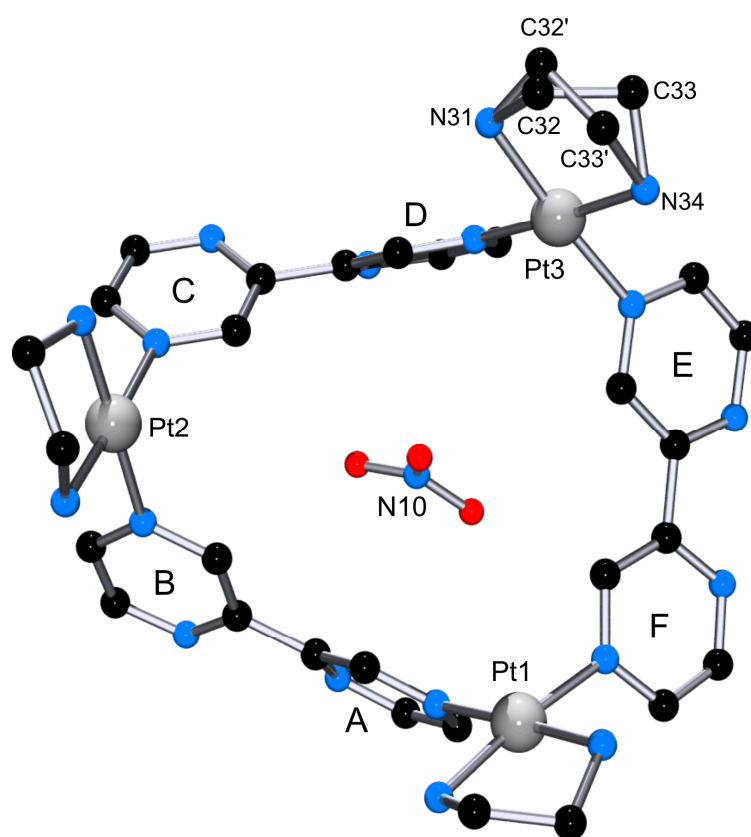


Figure SI-5: Views of cations **3** showing the two different conformations (δ and λ pucker) of the ethylenediamine ring at Pt3.

Table SI-1: Selected bond distances (Å) and angles (°) for compound **3**.

Pt1-N11, 2.008(7)	N11-Pt1-N14, 84.1(3)	Pt1N ₄ / Pt ₃ plane, 64.8
Pt1-N14, 2.021(6)	N11-Pt1-N4A, 177.6(3)	Pt2N ₄ / Pt ₃ plane, 67.9
Pt2-N21, 2.018(7)	N14-Pt1-N4A, 93.6(3)	Pt3N ₄ / Pt ₃ plane, 65.5
Pt2-N24, 2.017(6)	N11-Pt1-N4F, 91.2(3)	Pt1...Pt2, 7.9600(5)
Pt3-N31, 2.034(7)	N14-Pt1-N4F, 173.8(3)	Pt2...Pt3, 7.9112(5)
Pt3-N34, 2.030(8)	N4A-Pt1-N4F, 91.2(3)	Pt3...Pt1, 7.886(5)
Pt1-N4A, 2.024(7)	N4C-Pt2-N21, 176.5(2)	N1a...N1d, 6.827(11)
Pt1-N4F, 2.039(6)	N4C-Pt2-N24, 92.4(2)	N1b...N1c, 6.440(10)
Pt2-N4B, 2.022(6)	N21-Pt2-N24, 84.1(3)	N1a...N1b, 2.726(10)
Pt2-N4C, 2.012(6)	N4C-Pt2-N4B, 88.7(2)	N1c...N1d, 2.842(10)
Pt3-N4D, 2.029(7)	N21-Pt2-N4B, 94.8(3)	N1e...N1f, 2.694(10)
Pt3-N4E, 2.018(7)	N24-Pt2-N4B, 178.9(3)	N(A) / N(B), 26.2
	N4E-Pt3-N4D, 90.9(3)	N(C) / N(D), 42.4
	N4E-Pt3-N34, 91.3(3)	N(E) / N(F), 9.0
	N4D-Pt3-N34, 177.7(3)	
	N4E-Pt3-N31, 175.5(3)	
	N4D-Pt3-N31, 93.4(3)	
	N34-Pt3-N31, 84.4(3)	

Table SI-2: Hydrogen bonding distances (Å) for compound **3**.

N11...O6w[x, y, z+1], 2.920(10)	O2w...O41, 2.895(16)
N11...O1w[-x+2, -y+1, -z+1], 3.010(9)	O3w...O12, 2.786 (10)
N11...O7w[x, y, z+1], 3.081(13)	O4w...N1a[-x+1, -y+1, -z+1], 2.935(10)
N14...O12[-x+2, -y+1, -z+1], 2.874(9)	O4w...O3w[-x+2, -y, -z+1], 2.746(12)
N14...O2w[x, y+1, z], 2.948(9)	O4w...O2w, 2.786(11)
N21...O23, 3.210(15)	O4w...O5w, 2.874(13)
N21...O14[-x+2, -y+1, -z+1], 2.790(10)	O5w...O32[-x+1, -y+1, -z+1], 2.977(12)
N24...O11, 2.812(9)	O6w...O21, 2.699(15)
N24...O1w, 2.881(9)	O8w...O23[-x+2, -y+1, -z], 3.057(18)
N31...O41, 3.009(16)	O9w...O13w, 3.01(2)
N31...O14, 2.725(10)	O10w...O6w, 2.806(18)
N34...O23 [-x+2, -y+1, -z+1], 2.965(16)	O10w...O8w[-x+2, -y+1, -z], 2.800(18)
N34...O10w [-x+2, -y+1, -z+1], 2.867(13)	O11w...O24, 2.555(17)
O1w...O22, 2.689(13)	O11w...O43[-x+1, -y+1, -z+1], 2.66(2)
O1w...O5w, 2.789(9)	O12w...O42, 2.54(3)
O2w...O13, 2.667(10)	O12w...O11w[x, y-1, z+1], 2.91(2)
