Supporting Information

Mechanochemical synthesis and characterisation of two new bismuth MOFs

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S - Table 1: Selected bond lengths in the crystal structure of compound **(2)**.

Atom 1	Atom 2		Bond length [Å]
Bi1	O7	1×	2.3369(2)
	O11	1×	2.5259(1)
	N3	1×	2.5331(2)
	O12	1×	2.5705(2)
	O4	1×	2.5874(1)
	O1	1×	2.6502(2)
	O1	1×	2.7052(1)
	O5	1×	2.7855(1)
	O2	1×	2.7987(2)
	N2	1×	2.9592(1)
	O3	1×	3.1105(1)
	N1	1×	3.1730(1)
	N1	1×	3.1974(1)

S - Table 2: Selected angles in the crystal structure of compound **(2)**.

Atom			Angle [°]	Atom			Angle [°]	Atom			Angle [°]
2	1	3		2	1	3		2	1	3	
Bi1	O7	O11	105.386(1)	Bi1	N3	O1	73.088(1)	Bi1	O1	O2	47.111(1)

O7	N3	64.982(1)	N3	O5	144.126(1)	O1	N2	83.248(1)
O7	O12	69.702(1)	N3	O2	142.860(1)	O1	O3	105.384(1)
O7	O4	71.351(1)	N3	N2	151.072(1)	O1	N1	23.593(2)
O7	O1	80.130(1)	N3	O3	107.177(1)	O1	N1	127.622(1)
O7	O1	129.520(1)	N3	N1	132.355(1)	O1	O5	82.604(1)
O7	O5	116.765(1)	N3	N1	95.278(1)	O1	O2	105.754(1)
O7	O2	124.585(1)	O12	O4	71.376(1)	O1	N2	107.424(1)
O7	N2	97.033(1)	O12	O1	141.987(1)	O1	O3	43.284(1)
O7	O3	171.987(1)	O12	O1	73.035(1)	O1	N1	127.642(1)
O7	N1	101.686(1)	O12	O5	73.554(1)	O1	N1	23.516(2)
O7	N1	151.819(1)	O12	O2	142.070(1)	O5	O2	68.780(1)
O11	N3	71.740(1)	O12	N2	78.223(1)	O5	N2	25.078(2)
O11	O12	144.046(1)	O12	O3	107.312(1)	O5	O3	68.304(1)
O11	O4	142.694(1)	O12	N1	147.054(1)	O5	N1	83.438(1)
O11	O1	65.482(1)	O12	N1	86.150(1)	O5	N1	67.076(1)
O11	O1	85.967(1)	O4	O1	77.526(1)	O2	N2	65.818(1)
O11	O5	133.231(1)	O4	O1	125.698(1)	O2	O3	62.473(1)
O11	O2	71.156(1)	O4	O5	48.685(1)	O2	N1	23.722(2)
O11	N2	136.911(1)	O4	O2	80.487(1)	O2	N1	83.414(1)
O11	O3	72.431(1)	O4	N2	25.743(2)	N2	O3	89.471(1)
O11	N1	68.498(1)	O4	O3	115.212(1)	N2	N1	71.226(1)
O11	N1	85.453(1)	O4	N1	75.738(1)	N2	N1	91.801(1)
N3	O12	74.329(1)	O4	N1	115.355(1)	O3	N1	84.807(1)
N3	O4	131.401(1)	O1	O1	144.760(1)	O3	N1	22.243(2)
N3	O1	113.496(1)	O1	O5	101.636(1)	N1	N1	106.495(1)

References

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