

Supporting Information

Ag(I)-based high-energy metal organic frameworks (HE-MOFs) incorporating the coordinated moieties in channels: Synthesis, structure and physicochemical properties

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Table S1. Selected bond lengths (Å) and angles (°) for **1**.

Ag(1)-N(5)	2.219(7)	Ag(1)-N(3)	2.246(7)
Ag(1)-O(2)	2.591(7)	Ag(1)-O(4)	2.613(7)
Ag(2)-N(12)	2.187(7)	Ag(2)-N(12)#1	2.187(7)
C(8)-O(4)#2	1.260(9)	N(1)-N(1)#3	1.291(13)
N(5)-Ag(1)-O(2)	117.5(3)	N(3)-Ag(1)-O(2)	87.5(2)
O(2)-Ag(1)-O(4)	75.7(2)	N(12)-Ag(2)-N(12)#1	180.0(3)
N(4)-N(3)-Ag(1)	122.5(5)	C(1)-N(3)-Ag(1)	129.7(7)
C(3)-N(5)-Ag(1)	131.2(7)	N(6)-N(5)-Ag(1)	120.6(5)
N(11)-N(12)- Ag(2)	117.8(5)	C(6)-N(12)-Ag(2)	131.5(6)
N(13)-O(2)-Ag(1)	102.8(5)	C(8)-O(4)-Ag(1)	111.3(5)

Symmetry transformations used to generate equivalent atoms for **1**:

#1 -x,-y,-z; #2 -x+1,y,-z+1/2; #3 -x+3/2,-y+3/2,-z+1.

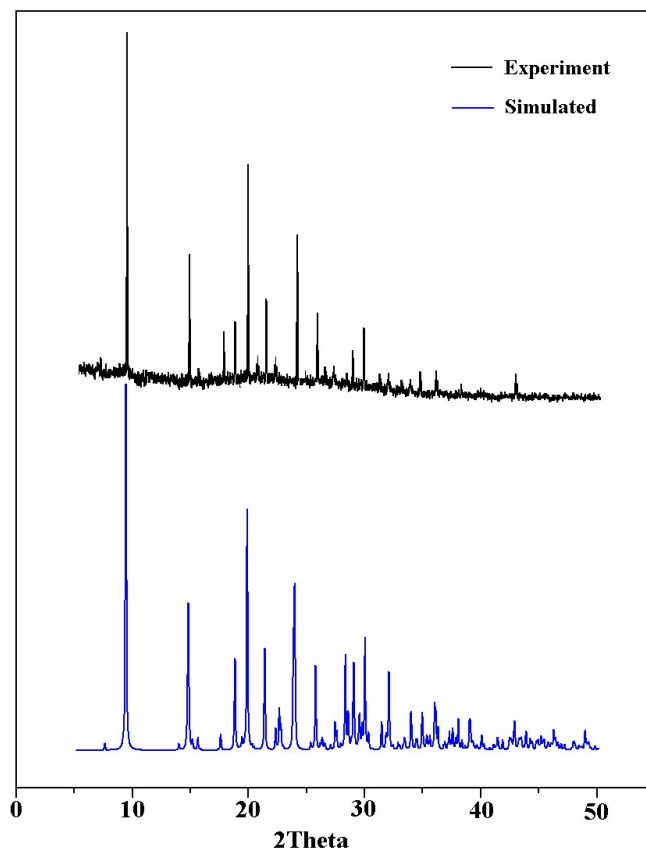


Figure S1. X-ray powder diffraction pattern of **1**.