A polythreading array formed by a (3,5)-connected 3D anion network and 1D cation chains: synthesis, structure, and catalytic properties

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Table S1 Hydrogen bondings for **1** (Å and °).

D-H···A	d(D-H)	d(H···A)	D(D···A)	<(DHA)
O(8)-H(1W)···O(7)^{i}	0.893(18)	1.970(19)	2.862(3)	178(3)
O(8)-H(2W)···O(11)	0.881(18)	1.88(2)	2.733(6)	162(3)
O(8)-H(2W)···O(12)	0.881(18)	1.84(2)	2.713(10)	171(3)
O(9)-H(3W)···O(4)^{ii}	0.867(19)	2.02(2)	2.877(4)	171(4)
O(9)-H(4W)···O(10)	0.885(18)	1.919(19)	2.803(4)	175(4)
O(10)-H(5W)···O(7)^{i}	0.893(19)	1.90(2)	2.793(4)	174(4)
O(10)-H(6W)···O(7)^{ii}	0.880(19)	2.28(2)	3.123(4)	161(4)

Symmetry transformations used to generate equivalent atoms: i x+1, y, z; ii -x+1, -y+1, -z+1.

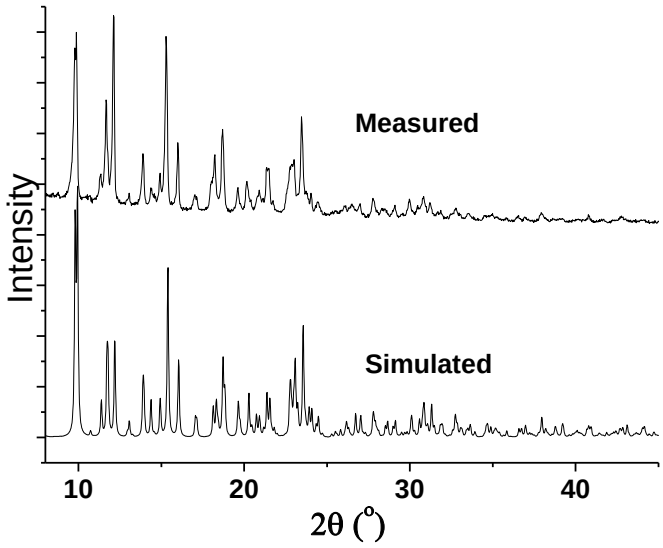

Fig. S1 The measured and simulated XPRD of compound **1**.

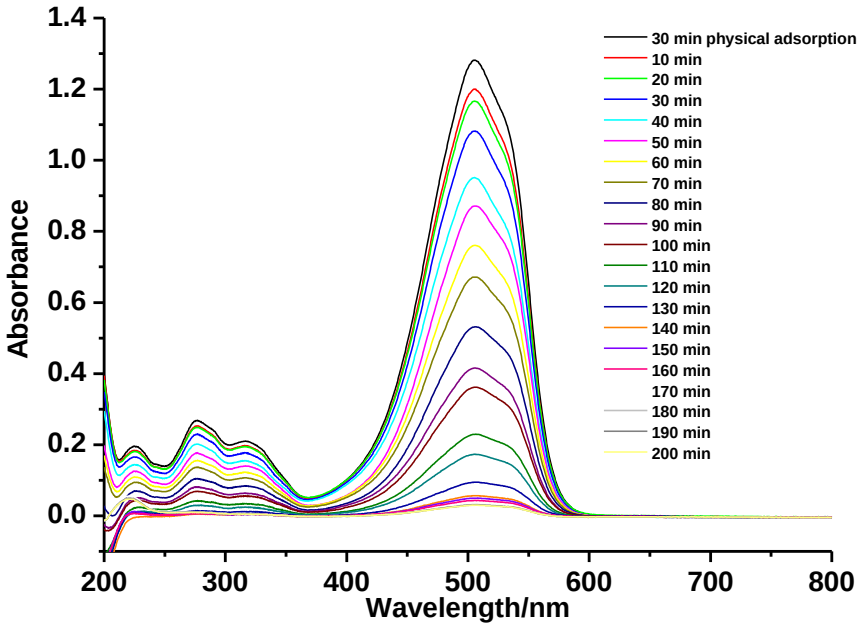

Fig. S2 Changes in UV-visible absorption spectra of MO solution in the presence of compound **1**.

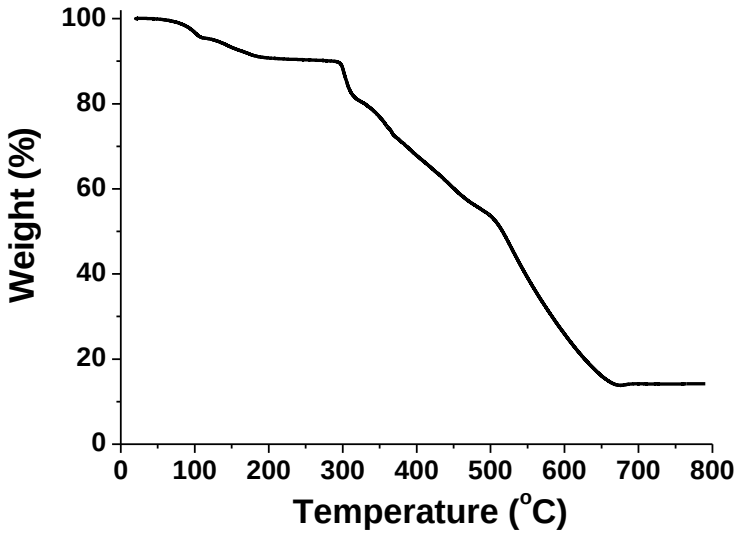

Fig. S3 The TG curve of compound **1**.