**Supplementary Material**

An adeninate-based metal–organic framework for antitumor drug delivery and anti-osteogenic sarcoma activity evolution

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Fig. S1 View for molecular unit of 1.

Fig. S2 View for the connection of the adjacent Zn-Ad chains.
Fig. S3 View for the (3,3,4,4)-connected topological net of 1.

Fig. S4 The TGA data for 1 and 1a.
Fig. S5 The PXRD patterns for 1 and 1a.

Fig.S6 The UV/Vis absorption spectra of 5-Fu MeOH solution before (black) and after (red) drug loaded when diluted 500 times.
Fig. S7  The FT-IR spectra of the as-made 1 (bottom), 5-Fu (top), and 5-Fu loaded 1a (middle).

Fig. S8  The standard calibration curve of the absorbance as a function of the 5-Fu concentration at 265 nm on the UV spectrophotometer.
Fig. S9 HPLC chromatogram of 5-Fu.