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SUPPORTING INFORMATION

Towards an improved HIV-microbicide activity through the co-encapsulation of NRTI drugs in biocompatible Metal Organic Frameworks nanocarriers

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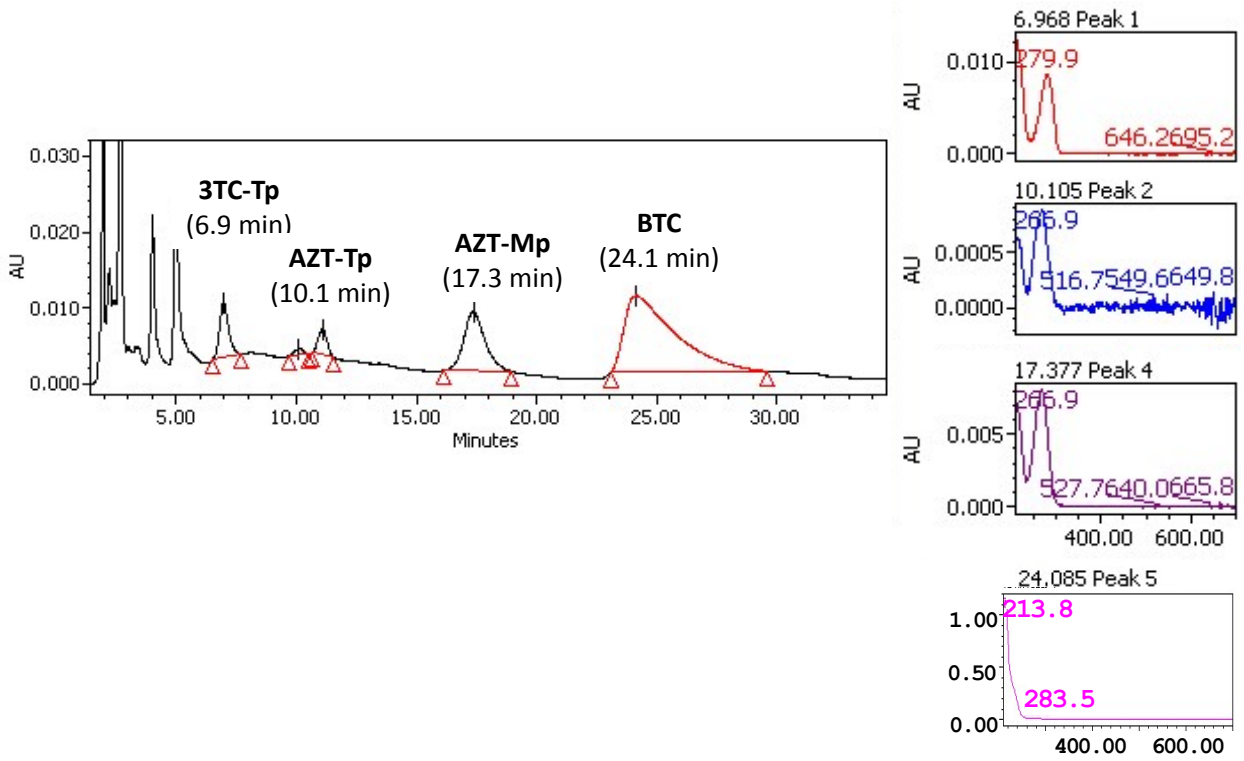

Figure S1. Chromatogram and absorption spectra of 3TC-Tp, AZT-Tp, AZT-Mp and BTC released from AZT-Tp/3TC-TP loaded MIL-100(Fe) NPs and incubated during 24 h in PBS supplemented with 10% calf serum

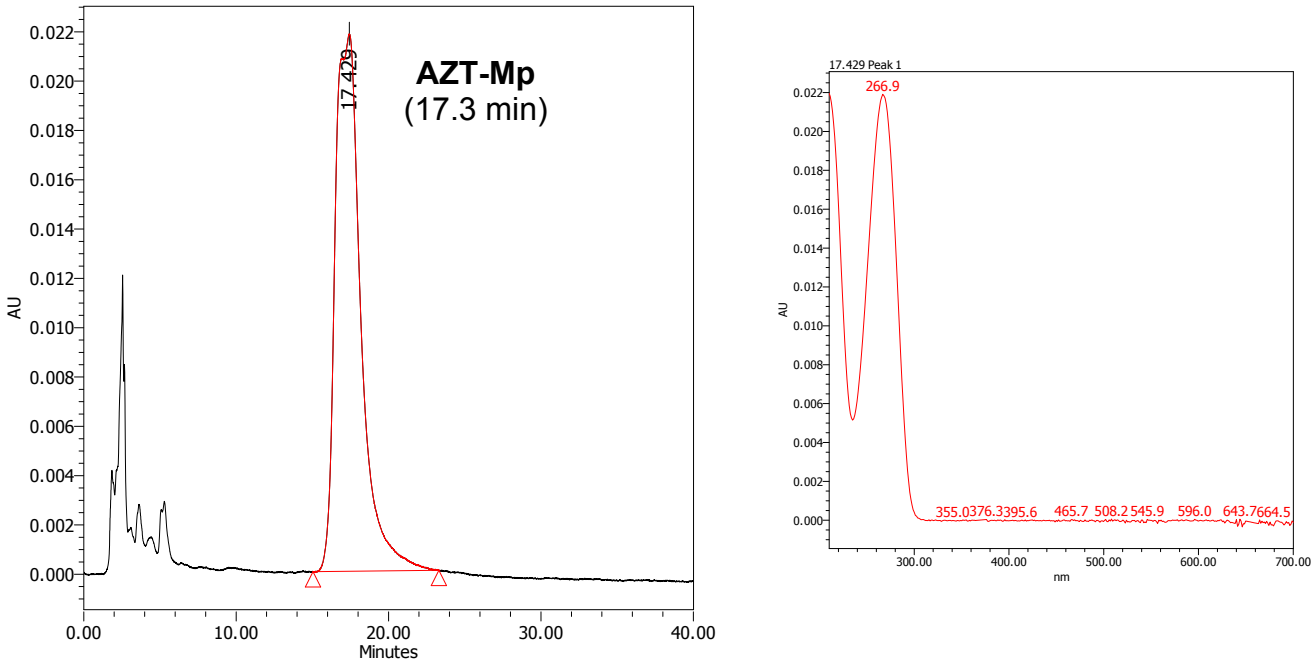

Figure S2. Chromatogram and absorption spectrum of commercial AZT-Mp (50 mg.mL^{-1}).

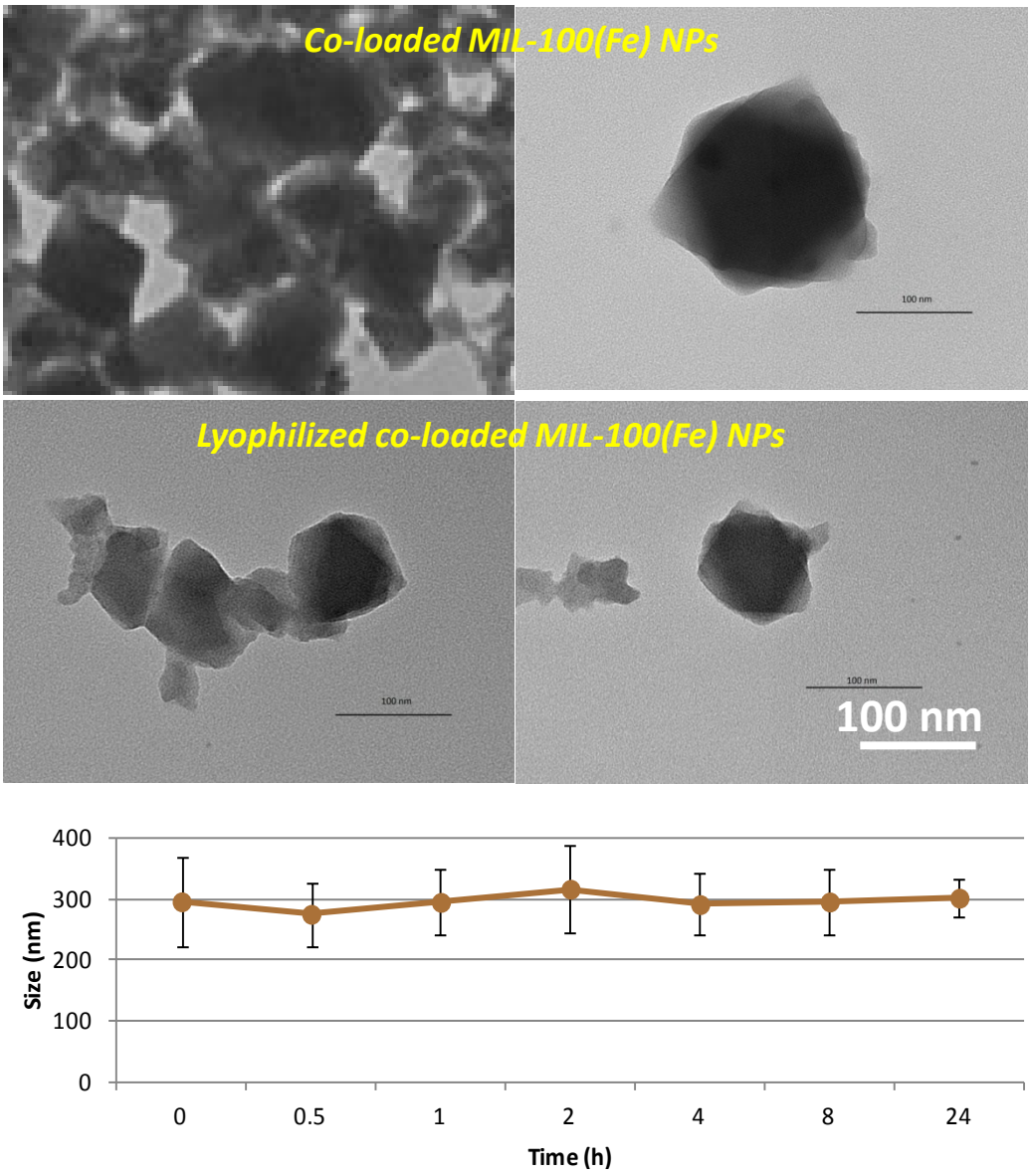

Figure S3. TEM images of MIL-100(Fe) NPs just after encapsulation of AZT-Tp and 3TC-Tp (on the top) and after 2 months-storage at room temperature conditions upon lyophilization (on the middle). Scale bar = 100 nm. On the bottom: Colloidal stability of the co-loaded MIL-100(Fe) NPs just reconstituted in PBS-FBS after their lyophilization and storage for 2 months (*n* = 3).

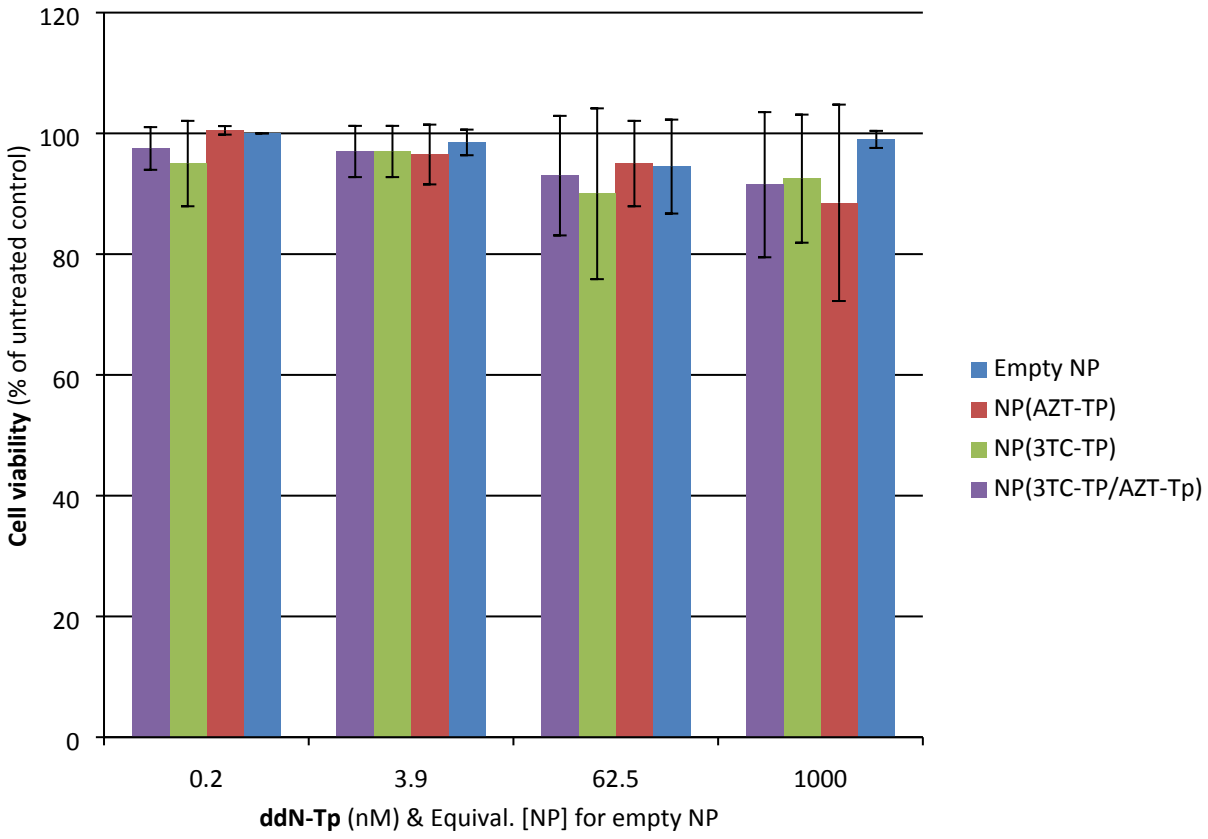

Figure S4. Cell viability of macrophages treated with empty or co-loaded nanoMOFs. Data obtained from two independent experiments (*n* = 2), performed each in triplicate. Results are expressed as percentage of cell viability in comparison to untreated control.