## Direct One-pot Synthesis of L1<sub>0</sub>-FePtAg Nanoparticles with Uniform and Very Small Particle Size

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Fig. S1. Low magnification TEM images for octadecylamine, hexadecylamine and trioctylamine, respectively (a)~(c). According high magnification TEM images (d)~(f).

Solvent	Precursor	XRF results
Hexadecylamine	Fe <sub>36</sub> Pt <sub>36</sub> Ag <sub>28</sub>	Fe49Pt39Ag12
Trioctylamine	Fe <sub>36</sub> Pt <sub>36</sub> Ag <sub>28</sub>	Fe <sub>51</sub> Pt <sub>39</sub> Ag <sub>10</sub>
Octadecylamine	Fe <sub>36</sub> Pt <sub>36</sub> Ag <sub>28</sub>	Fe <sub>51</sub> Pt <sub>39</sub> Ag <sub>10</sub>

Table 1. The composition of as-synthesized FePtAg NPs in three solvents