

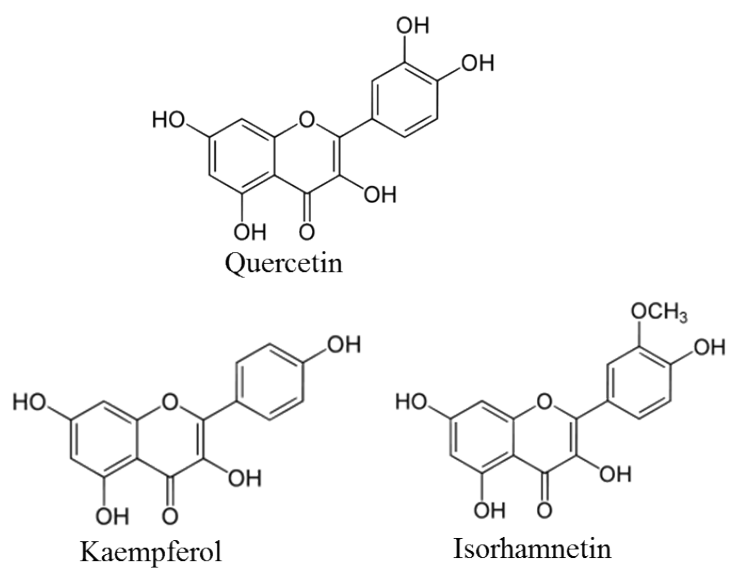


Figure S1 Structures of the major flavonoids in *Ginkgo biloba*.

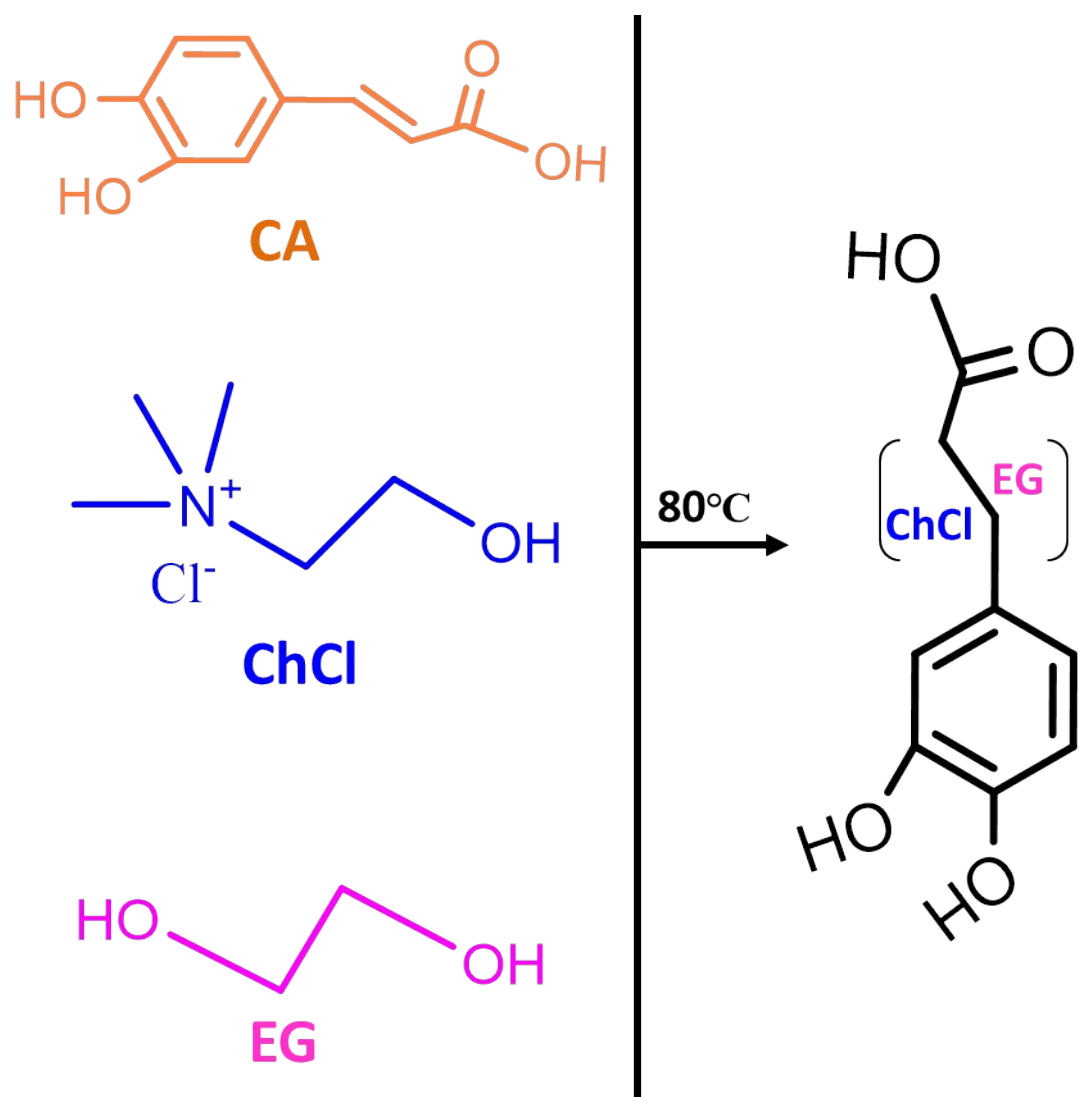


Figure S2 Preparation of the ternary DES.

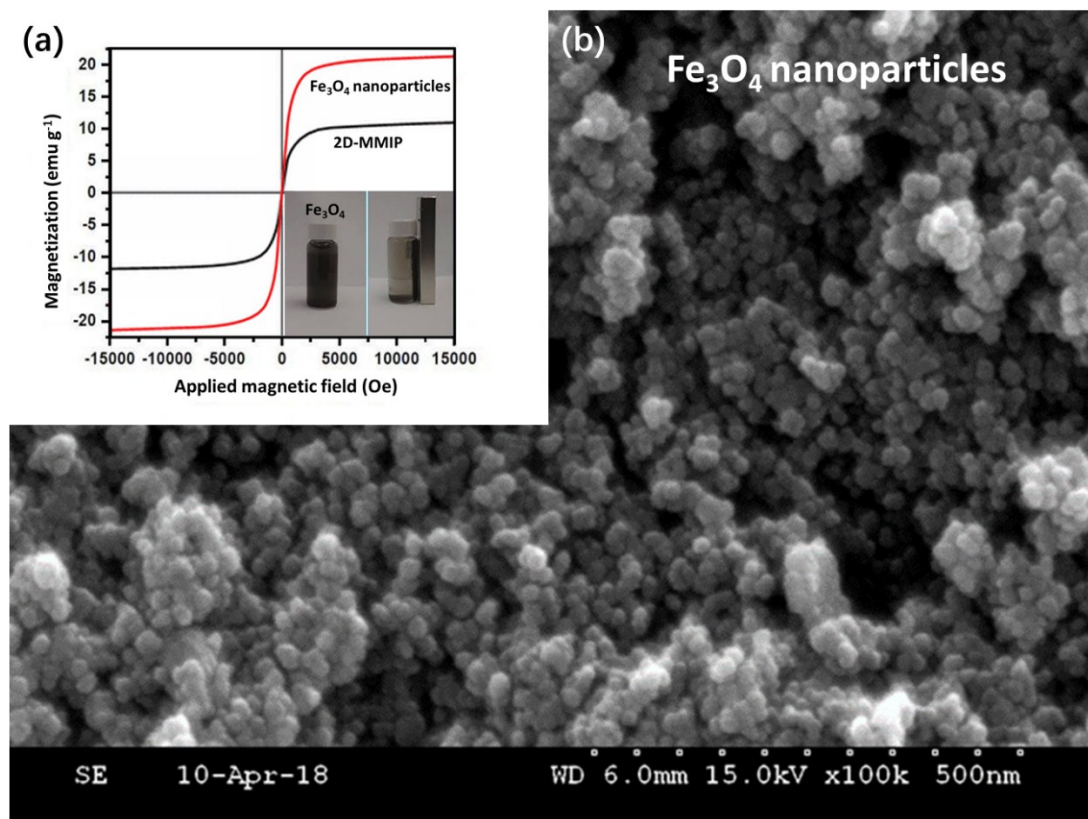


Figure S3 Information of Fe₃O₄ nanoparticles. (a) Vibrating sample magnetometer (VSM) magnetization curves of Fe₃O₄ nanoparticles and 2D-MMIP. (b) SEM of Fe₃O₄ nanoparticles.

Table 1S Calibration curves, LODs, and LOQs for *flavonoids*.

Analytes	Regression equation	R ²	LOD (µg/mL)	LOQ (µg/mL)
Quercetin	$Y = 2.12X \times 10^{-5} + 14.567$	0.9991	0.0025	0.0072
Isorhamnetin	$Y = 1.89X \times 10^{-5} + 5.718$	0.9995	0.0016	0.0051
Kaempferol	$Y = 2.75X \times 10^{-5} + 18.606$	0.9993	0.0034	0.0098