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| Title: | Gold nanoparticle-mediated signal amplification of liquid crystal biosensors for dopamine† |
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| Abstract: | A unique design strategy was developed for the detection of dopamine using a newly synthesized amphiphile containing boronic acid head group at the aqueous–liquid crystal (LC) interface. The optical signal of LC for the detection of dopamine was highly amplified in the presence of functionalized gold nanoparticles. |
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