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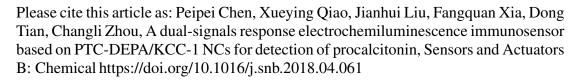
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A dual-signals electrochemiluminescence response

immunosensor based on PTC-DEPA/KCC-1 NCs for detection of

procalcitonin

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Highlights

dual-signals response of the ECL immunosensor based on the

perylene-3,4,9,10-tetracarboxylic

acid-

N,N-Diisopropylethylenediamine/mesoporous fibrous silica

nanocomposites(PTC-DEPA/KCC-1 NCs) for procalcitonin detection

was proposed.

The novel luminophore (PTC-DEPA), synthesized by covalently linking

perylene-3,4,9,10-tetracarboxylic

acid

with

N,N-Diisopropylethylenediamine.

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