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Enhancement of the efficiency of salivary alpha Amylase biomarker for Sympathetic Nervous System by Nano-Optical Sensor Tb-Acetyl acetone complex

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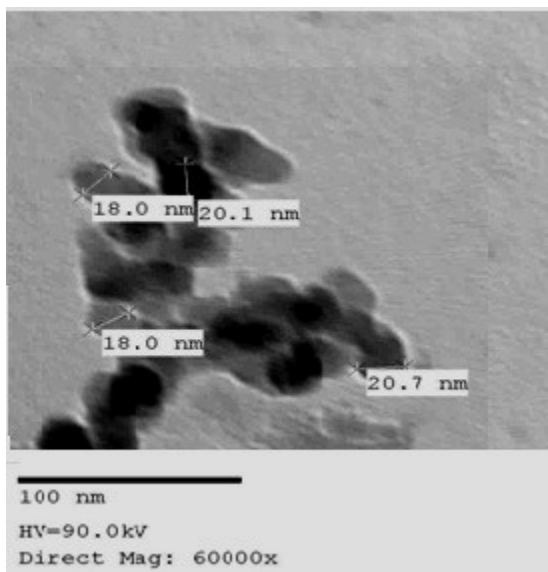
Supplementary Data

S. data 1. TEM image of nano optical sensor Tb-ACAC

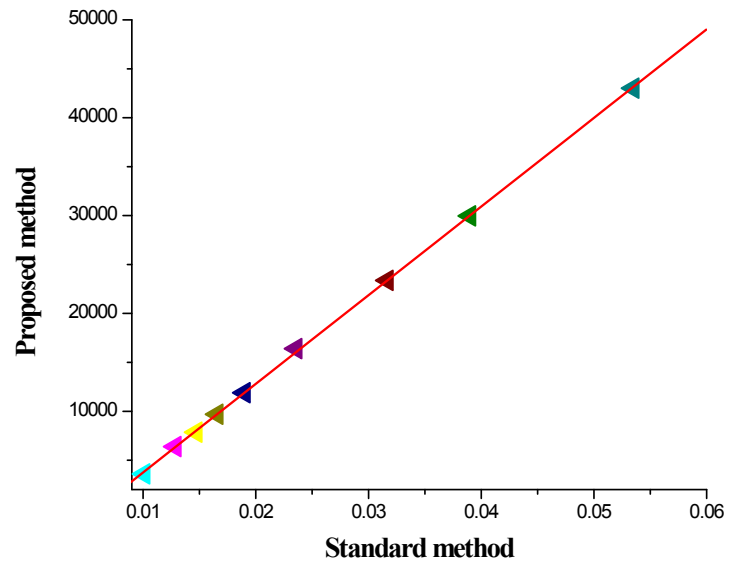
S. data 2. Correlation Agreement between the proposed and standard method.

S.data 3. Effect of the reaction time between enzyme and substrate on the luminescence intensity of Tb-ACAC sensor doped in sol-matrix in DMSO. (Incubation time, 20, 40, 60, 80, 100, 120, 140, 160, 180, 200 Seconds).

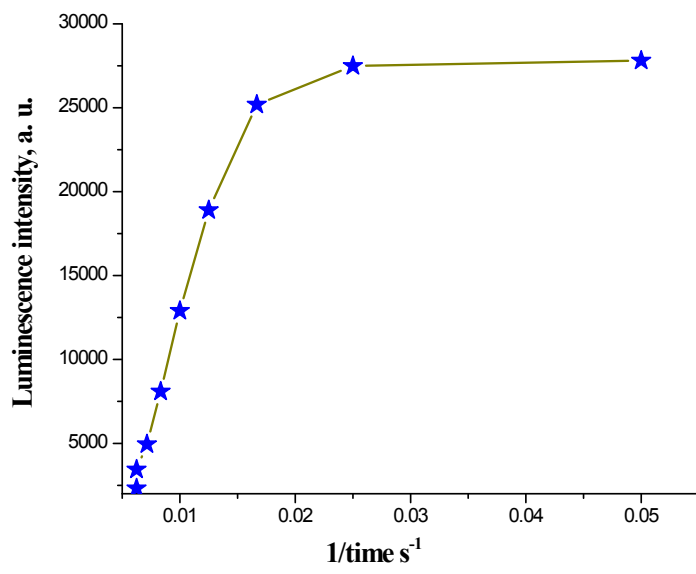
S. data 4. Relationship between the incubation time and the concentration of the released [2-CNP].



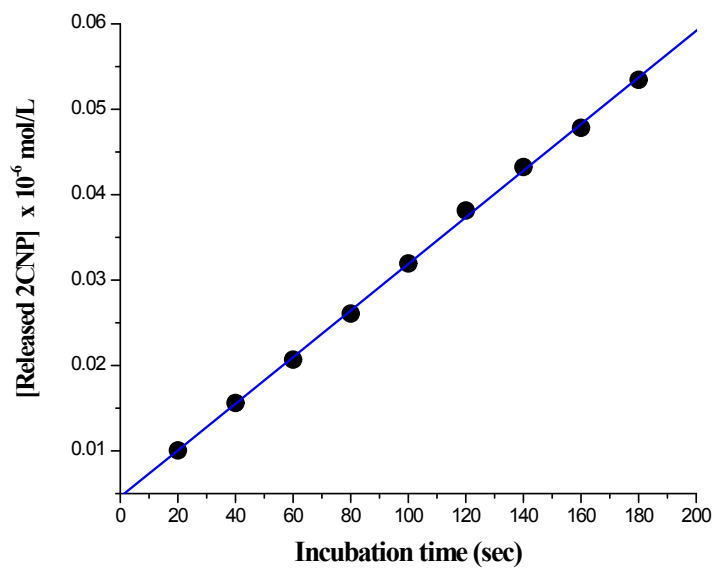
S. data 1.



S. data 2



S. data 3



S. data 4