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ACCEPTED MANUSCRIPT

Realizing Highly Chemoselective Detection of H₂S In Vitro and In Vivo with Fluorescent Probes inside Core-Shell Silica Nanoparticles

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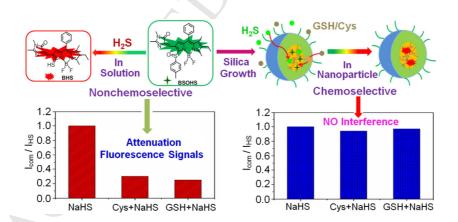
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Abstract: Hydrogen sulfide (H₂S) is an appealing signaling molecule that plays fundamental roles in health and disease. However, H₂S-mediated selective chemical transformations for the construction of imaging probes are limited, retarding the interrogation of H₂S-related biological processes. Here, we present an alternative approach for engineering a new generation of efficient probes with a

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