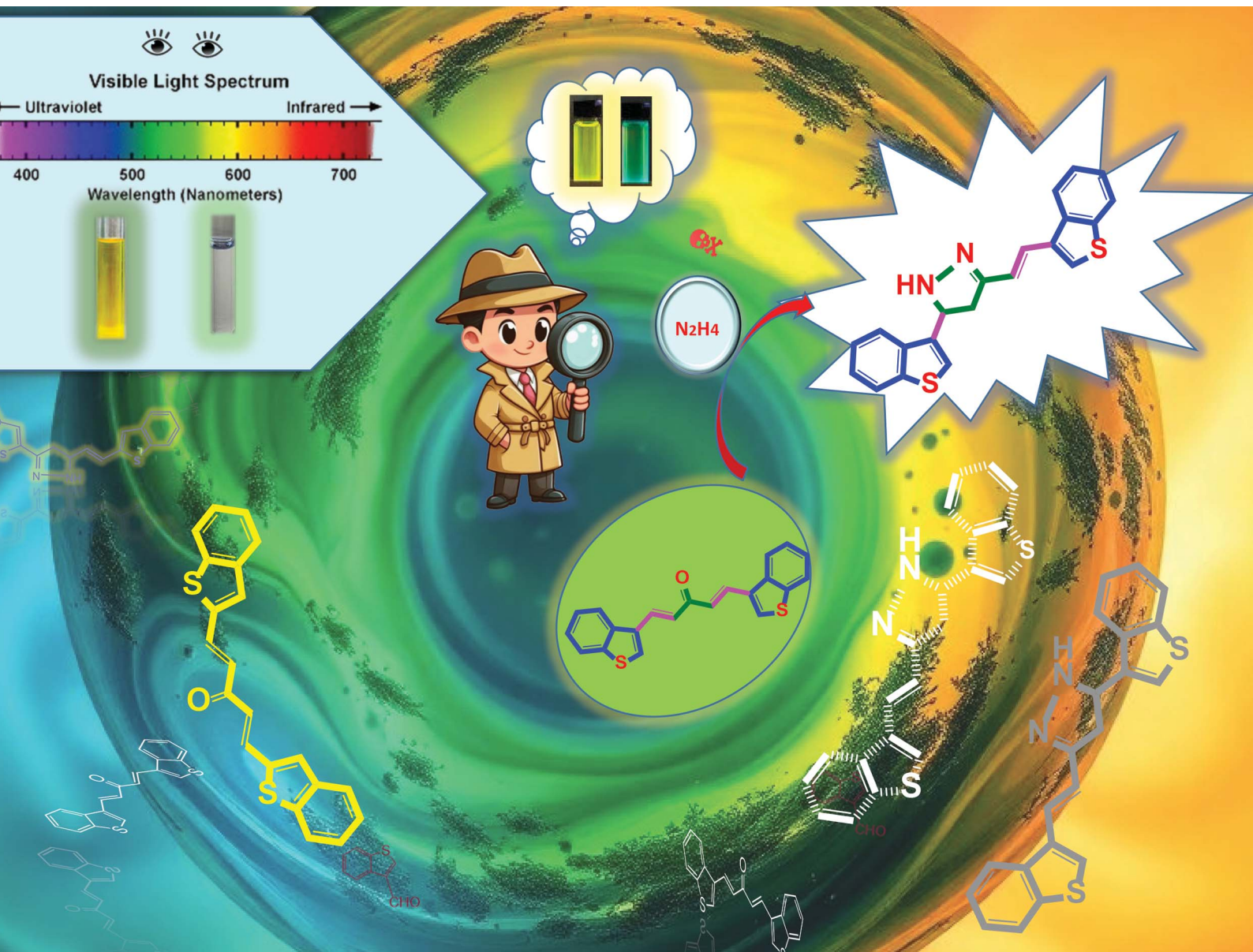


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## PAPER

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Benzothiophene based semi-bis-chalcone as a photo-luminescent chemosensor with real-time hydrazine sensing and DFT studies