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Synthesis, characterization, solution and antioxidant properties of novel tetrakis{4-[N-((3-dimethylamino)propyl)amide]phenoxy}nickel (II) phthalocyanine and its water soluble derivatives

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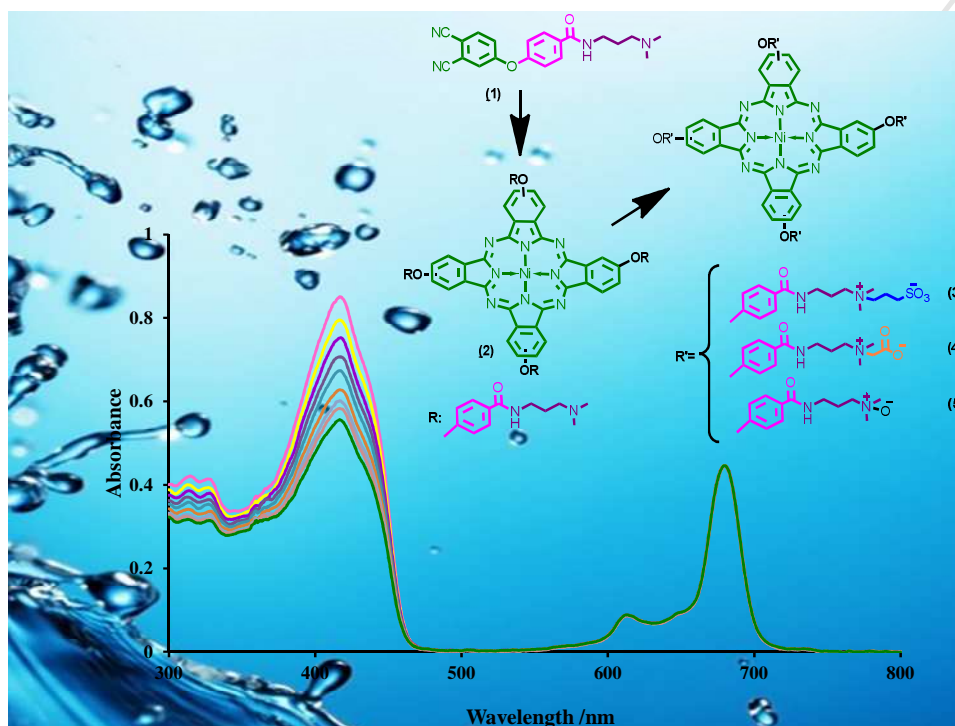
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The novel 2(3),9(10),16(17),23(24)-Tetrakis-[4-(N-((3-dimethylamino)propyl)amide)phenoxy] phthalocyaninato nickel (II) (**2**) and its multifunctional water soluble different type of tip groups such as sulfobetaine (**3**), betaine (**4**) and N-Oxide (**5**) bearing derivatives were synthesized.



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