

Synthesis of new ligands and metal complexes of 8-hydroxyquinoline derivatives

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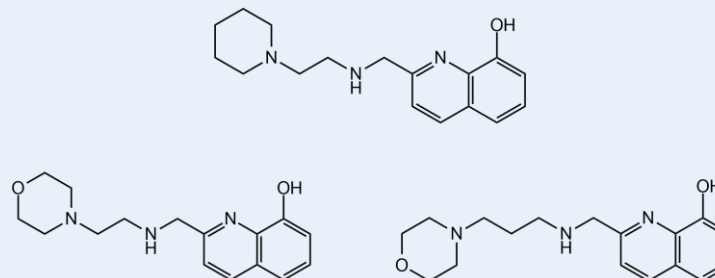
Host institution:

Centro de Química Estrutural,
Instituto Superior Técnico,
Universidade de Lisboa
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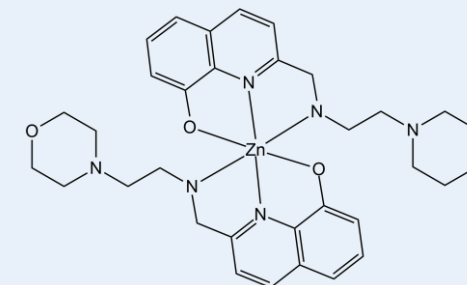


- One of the main goals of the **STSM** was to **synthetize** and **characterize** three new **8-hydroxyquinoline Mannich bases**.
- Futhermore, I synthesized **metal complexes** of the new ligands with Zn(II), Cu(II) and Fe(III) metal ions.

Structure of the new ligands:



Example of one coordination zinc complex:



weekdays = work in the lab

weekend = explore Lisbon



STSM was a great opportunity not only to learn new lab techniques, but also to discover Portuguese culture!

Funded by



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