



PERSONA CIÈNCIA EMPRESA
UNIVERSITAT RAMON LLULL

SCHOOL OF
ENGINEERING

Synthesis and study of a new family of Hexaphyrins for Cancer Therapies

Summary: Porphyrinoids are conjugated macrocycles with a wide range of applications in many fields, from phototherapy to materials science (Chem. Rev. 2017, 117, 2481-2516). In the present work, it is proposed to prepare a new hexapyrrolic porphyrinoid with potential applications in biomedicine. Furthermore, the structure and electronic properties of the new macrocycle will be studied by computational calculations and single-crystal X-ray diffraction.

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