

### عنوان مقاله:

Synthesis , characterization and antibacterial studies of two new Cd(II) macrocyclic Schiff-base complexes containing pyridine moiety

### محل انتشار:

هفتمین کنفرانس ملی پژوهش های نوین در علوم و مهندسی شیمی (سال: 1398)

تعداد صفحات اصل مقاله: 9

### نویسنده:

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### خلاصه مقاله:

The metal templated Cd(II) cyclocondensation of 2,6-diacetylpyridine and two different liner amines have been investigated. The complexes have been characterized by a variety of methods including IR, elemental analysis, EI-Mass, and <sup>1</sup>H and <sup>13</sup>C NMR spectroscopy. The antibacterial actions of the complexes have been screened against Six bacteria(S. aureus, B. cereus, C. xerosis, E. coli, K. pneumoniae and P. vulgaris) to study their comparative capacity to inhibit the growth.

### کلمات کلیدی:

Macroacyclic Ligands; tetradentate amine; Antibacterial effects

### لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/909733>

