

**THE FIRST USE OF MICROWAVE IRRADIATION
AS A POWERFUL TOOL FOR ENHANCED GENERATION
OF NOVEL MACROCYCLIC DILACTAMS**

Hussni A. Muathen, Ghada S. Masaret, and Ahmed H.M. Elwahy

Umm Al-Qura University, Faculty of Applied Sciences, Chemistry Department, Makkah
Almukkarramah, Saudi Arabia

We developed here a simple, remarkable fast and environmentally friend procedure for the first synthesis of macrocyclic diamides **1** and their corresponding macrocyclic dithiodiamides **2** under microwave conditions. All the reactions were carried out in an open vessels using a household microwave oven for a very short time.

