NEW SYNTHESIS OF GRIGNARD, LITHIUM, ZINC, MAGNESIATES DERIVATIVES OF PYRIDINES, DIAZINES AND QUINOLINES. NEW SYNTHESIS OF ONYCHINE AND THE FIRST SYNTHESIS OF BOTRYLLAZINE A

G. Queguiner

Institut de Recherche en Chimie Organique Fine (IRCOF). UMR 6014. B.P. 08, 76131 Mont Saint Aignan Cedex. Tel.: 33(0)2 35 52 29 00 E-mail: Guy.Queguiner@insa-rouen.fr


We have then developed some new synthesis of Grignard, Lithium, Zinc, Magnesiates derivatives of pyridines, diazines and quinolines.

1) Grignard reagents and Barbier type reaction with sonication

2) Organozinc derivatives

3) Magnesiates of quinolines and pyridines

These organometallics are useful for synthesis of natural products. A new synthesis of Onichine and the first synthesis of Botryllazine A have been achieved.