

CONDENSATION OF O-PHENYLENEDIAMINES WITH N-AMINORHODANINE
NEW SYNTHESIS OF 2-MERCAPTOBENZIMIDAZOLE

A. El kihel¹*, S. Jebbari¹, M. Ahbala¹, H. Ait Sir¹, P. Bauchat²

¹Laboratoire de chimie bioorganique, Faculté des Sciences, BP20, 24000, El Jadida, Maroc.

²Université de Rennes1, Sciences Chimiques de Rennes U.M.R.6226, ICMV, Campus de Beaulieu, Avenue Général Leclerc, 35042, Rennes, France

* Corresponding author. E-mail: abdellatifelkihel@gmail.com

Abstract : 2-mercaptobenzimidazole derivatives were synthesized by reaction of o-phenylenediamines with N-aminorhodanine. This reaction represent a new synthesis of 2-mercaptobenzazoles. The structure of the obtained products was established by spectroscopic data.

Key Words: 2-mercaptobenzimidazole, o-phenylenediamines, N-aminorhodanine.

