Chemical sciences

Synthesis and biological evaluation of Bis thiazolo Pyrazoles as anti microbial agents

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Thiazolo Pyrazoles exhibited the various pharmacological activities such as anti microbial, anti fungal, anti cancer activities. Propane Bis thiazolo pyrazoles prepared from simple starting material, its structure confirmed by IR, H-NMR, Mass spectroscopy and evaluated its antimicrobial activity. Swern oxidation, Knovenagel condensation and cycloaddition involved as key steps.

Keywords: Methylene bis pyrazoles, Knovenagel condensation Anti microbial agents,

References:

- 1. Chem. Pharm. Bull. 2009, 57, 685-693.
- 2. Eur. J. Med. Chem. 2010, 45, 2353-2358.