



## Identification of Pharmacophore Site of Armed Quinoxaline, Benzothiazole and Benzothiazine: POM Theoretical Screening and Experimental Evaluation of Antifungal and Antibacterial Activity

TAIBI BEN HADDA<sup>1\*</sup>, FATIM-ZAHRA. Khardli<sup>1</sup>, MOSTAFA MIMOUNI<sup>1</sup>, MARIA DAOUDI<sup>2</sup>, ABDELALI KERBAL<sup>2</sup>, BRAHIM BENNANI<sup>2</sup>, ISMAIL WARAD<sup>3</sup>, HÉCTOR SALGADO-ZAMORA<sup>4</sup>, TEFFAHA FERGOUG<sup>5</sup>

<sup>1</sup>Laboratoire de Chimie des Matériaux, Faculté des Sciences, 60000 Oujda, Morocco.

<sup>2</sup>Laboratoire Chimie Organique, Faculté des Sciences Dhar Mehraz, 30000 Fès, Morocco.

<sup>3</sup>Department of Chemistry, Science College. King Saud University, P. O. Box 2455, Riyadh 11451, Saudi Arabia

<sup>4</sup>Departamento de Química Orgánica, Escuela Nacional de Ciencias Biológicas, Instituto Politécnico Nacional, Col. Santo Tomás 11340, México, D. F.

<sup>5</sup>Laboratoire de Chimie Physique des Biomolécules et Interfaces biologiques, Faculté des Sciences de la Nature et de la Vie, Université de Mascara, Mascara 29000, Algérie.

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**Abstract-** A series of four different armed heterocyclic candidates; the 1-(2-methyl-2,3-dihydro-1,3-benzothiazol-2-yl)acetone (**2**), 1-(3-methyl-4*H*-1,4-benzothiazin-2-yl)ethanone (**3**), 2-[(2-aminophenyl)dithio]aniline (**4**) and 3-hydroxy-3-methyl-4-(3-methyl-2-quinoxaliny)-2-butanone (**5**) have been prepared and their antibacterial and antifungal activity were evaluated.

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