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Research interests: Conducting research in the field of Pharmaceutical Organic Chemistry. Synthesis and spectroscopic techniques are used as evidence for final structure identification

Selected Publications:

1. ***Lincomycin analogues. I. Chain-extensions of [1,2:3,4]- di-O-isopropylidene--D-galactohexodialdo-1,5-pyranose.***

J. M. J. Tronchet and M. A. M. Massoud, *Helv. Chim. Acta,* 62,1632 (1979).

1. ***CD.-Based Configurational Assignments of Glycosyl -aziridines.***

J. M. J. Tronchet, E. Winter-Mihaly, M. A. M. Massoud, O. R. Martin, F. Barblat-Rey, J. Ojha-Poncet and J. Giust, *Helv. Chim. Acta,* 64, 2350 (1981).

3- ***Lincomycin Analogues. II. Chain-Extenction of Methyl 6-Aldehydo-3,4-O-Isopropylidene-1-Thio-α-D-galacto-1,5-Pyranoside.***

J. M. J. Tronchet and M. A. M. Massoud, *Heterocycles,* 24, 1265 (1986).

4- ***Synthesis and Spectroscopic Studies of Novel Type of Unsaturated Sugars.***

M. A. M. Massoud and M. M. El-Kerdawy, *Mans. J. Pharm. Sci.,* 1, 39 (1986).

5- ***Glycosylaziridine Derivatives.***

J.M.J Tronchet and M.A.M. Massoud, *Heterocycles, 29, 419 (1989).*

6- ***Benzofurans II. Synthesis of new Benzofurans and Related Analogues as Potential Anti-inflammatory Agents****.*

M. Abdelal, M. A. M. Massoud, M. M. El-Kerdawy and A. D. Broom, *Chin. Pharm. J.,* 44, 103 (1992).

7- ***Synthesis and structure elucidation of Substituted 2H-furo [2,3-b] indol-2-one.***

M. A. M. Massoud, *Boll. Chim. Farmaceutico,* 138, 223 (1999).

8- ***Synthesis of Certain 6-(arylthio)uracils and related Derivatives as Potential Antiviral Agents.***

Ali A. El-Emam, Mohamed.A. M. MASSOUD, Eman R . El-Bendary and Magda A. El-Sayed

*Bull. Korean Chem. Soc.* ***2004****, Vol. 25, No. 7, 991*

***9-*** [***Synthesis, molecular modeling of novel 1, 2, 4-triazole derivatives with potential antimicrobial and antiviral activities***](javascript:void(0))

SM El-Feky, LA Abou-zeid, MA Massoud, SG Shokralla, HM Eisa

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| ***10-*** [***Cyanoacetamide derivatives as synthons in heterocyclic synthesis***](javascript:void(0))  MAM Massoud  Mansoura J. Pharm. Sci 15, 94  ***11-*** [***Synthesis and antithyroid activity of certain uracil and thiouracil derivatives***](javascript:void(0))  MM El-Kerdawy, AS Tantawy, MAM Massoud, LA Abou-Zeid  Alexandria Journal of Pharmaceutical Sciences 13, 121-124  ***12-*** [***Synthesis of new 2-and 3-hydroxyquinoline-4-carboxylic acid derivatives as potential antioxidants***](javascript:void(0))  MA Massoud, SA El Bialy, WA Bayoumi, WM El Husseiny  Heterocyclic Communications 20 (2), 81-88  ***13-*** [***Design, synthesis and antioxidant evaluation of certain new phthalazine derivatives***](javascript:void(0))  WA Bayoumi, AEM Barghash, MM Gineinah, MA Massoud, AM Abdelal  Der Pharma Chemica 6 (3), 89  ***14-*** [***Synthesis of certain mercapto-and aminopyrimidine derivatives as potential antimicrobial agents***](javascript:void(0))  MM El-Kerdawy, HM Eisa, AA El-Emam, MA Massoud, MN Nasr  Archives of Pharmacal Research 13 (2), 142  ***15-*** [***New Synthons of 3-Hydroxyquinoline Derivatives Through SEAr***](javascript:void(0))  M AM Massoud, S A El Bialy, W A Bayoumi, W M El Husseiny  Letters in Organic Chemistry 11 (9), 693-699  ***16-*** [***Synthesis and biological evaluation of new unsaturated derivatives of cyclic compounds as potent antioxidant agent***](javascript:void(0))  A Magda, MA Massoud, AS Tantawy, MNA Nasr, AEDM Barghash, ...  Der Pharma Chemica 5, 1785-97  ***17- Synthesis and in vivo Antifibrotic of Novel Leflunomide Analogues***  Abdelrahman Hamdia, Eman Saeda, Abdelbasset A. Farahata,b, Serry A. A. El-Bialya  and Mohammed A. M. Massoud  Letters in Drug Design & Discovery, 2016,12, 912-920  ***18- Understanding Chemistry and Unique NMR Characters of Novel Amide and Ester Leflunomide Analogues***  Abdelrahman Hamdia, Morkos A. Henena, Abdelbasset A. Farahata,b and  Mohammed A. M. Massoud  Magnetochemistry 2017, 3, 41; |  | 1989 |

Recognitions:

Other links:

Google Scholar:

https://scholar.google.com/citations?user=F2iHZSMAAAAJ&hl=fil