Synthesis of novel derivatives of murrayafoline A and their inhibitory effect on LPS-stimulated production of pro-inflammatory cytokines in bone marrow-derived dendritic cells

Titre	Synthesis of novel derivatives of murrayafoline A and their inhibitory effect on LPS-stimulated production of pro-inflammatory cytokines in bone marrow-derived dendritic cells
Type de publication	Article de revue
Auteur	Thuy, TranThiThu [1], Cuong, NguyenManh [2], Toan, TranQuoc [3], Thang, NgoNgoc [4], Tai, BuiHuu [5], Nhiem, NguyenXuan [6], Hong, Hye-Jin [7], Kim, Sohyun [8], Legoupy, Stéphanie [9], Koh, YoungSang [10], Kim, Young Ho [11]
Editeur	Springer Netherlands
Type	Article scientifique dans une revue à comité de lecture
Année	2013
Langue	Anglais
Date	01/07/2013
Numéro	7
Pagination	832-839
Volume	36
Titre de la revue	Archives of Pharmacal Research
ISSN	0253-6269
Mots-clés	1,2,3-triazole [12], IL-12 p40 [13], IL-6 [14], Murrayafoline A [15], TNF-α [16]
Résumé en anglais	Cu(I)-catalyzed Huisgen–Meldal–Sharpless type dipolar ‘click’ reactions between azido-tetrathiafulvalene derivatives and ethynylferrocene yield the first examples of ferrocenyl-1,2,3-triazolyl-tetrathiafulvalene assemblies (**4a**, **4b**). The electrochemical behavior of **4a** and **4b**, which integrate two distinctive redox probes, has been investigated, and their binding ability for various transition-metal cations has been studied by cyclic voltammetry. The contribution of the triazolyl ring in the guest binding process is illustrated by the specific electrochemical recognition of Zn^{2+} by receptor **4b**.
URL de la notice	http://okina.univ-angers.fr/publications/ua2815 [17]
DOI	10.1007/s12272-013-0100-z [18]

Liens

[1] http://okina.univ-angers.fr/publications?f[author]=3690
[2] http://okina.univ-angers.fr/publications?f[author]=3691
[3] http://okina.univ-angers.fr/publications?f[author]=3692
[4] http://okina.univ-angers.fr/publications?f[author]=3693

[5] http://okina.univ-angers.fr/publications?f[author]=3694
[6] http://okina.univ-angers.fr/publications?f[author]=3695
[7] http://okina.univ-angers.fr/publications?f[author]=3696
[8] http://okina.univ-angers.fr/publications?f[author]=3697
[9] http://okina.univ-angers.fr/s.legoupy/publications
[10] http://okina.univ-angers.fr/publications?f[author]=3698
[11] http://okina.univ-angers.fr/publications?f[author]=3699
[12] http://okina.univ-angers.fr/publications?f[keyword]=5905
[13] http://okina.univ-angers.fr/publications?f[keyword]=5906
[14] http://okina.univ-angers.fr/publications?f[keyword]=5737
[15] http://okina.univ-angers.fr/publications?f[keyword]=5904
[16] http://okina.univ-angers.fr/publications?f[keyword]=5736
[17] http://okina.univ-angers.fr/publications/ua2815
[18] http://dx.doi.org/10.1007/s12272-013-0100-z