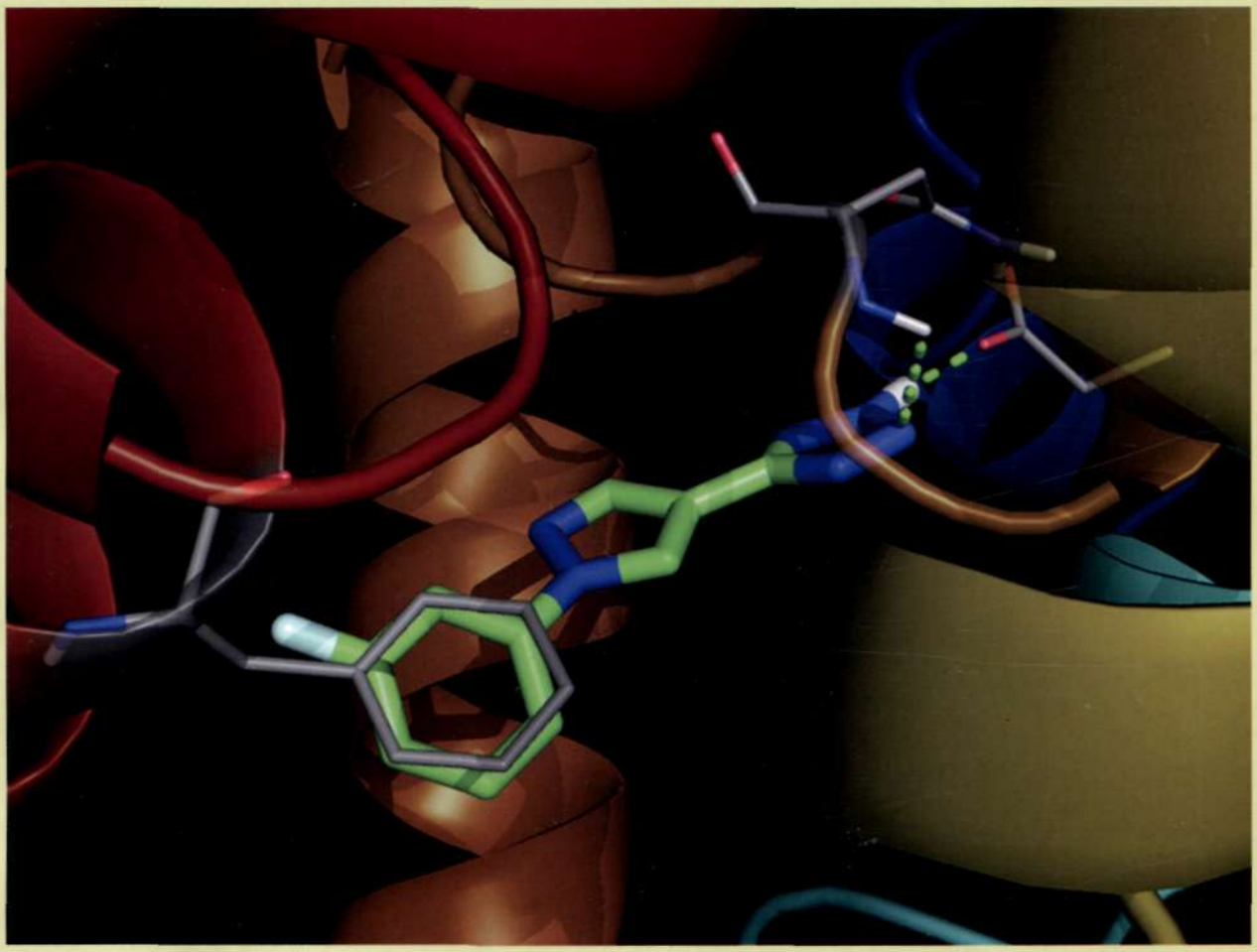
61巻5号平成25年5月1日発行　昭和35年8月15日　第3種郵便物認可　ISSN 0009-2363

Chemical and Pharmaceutical Bulletin

May 2013

CPBTAL 61 (5) 497–598 (2013)

Vol. 61 No. 5



Synthesis, Docking Studies, Pharmacological Activity and Toxicity of a Novel Pyrazole Derivative (LQFM 021)—Possible Effects on Phosphodiesterase *pp. 524–531*

THE PHARMACEUTICAL SOCIETY OF JAPAN

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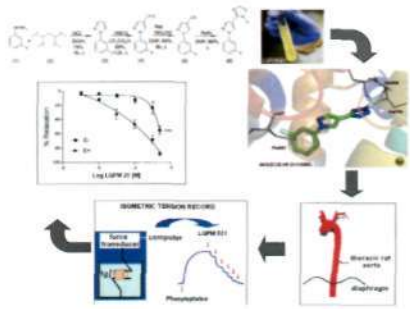

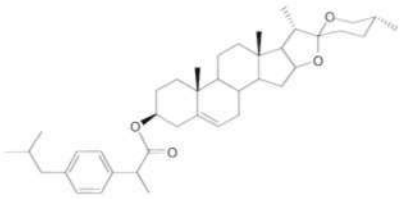

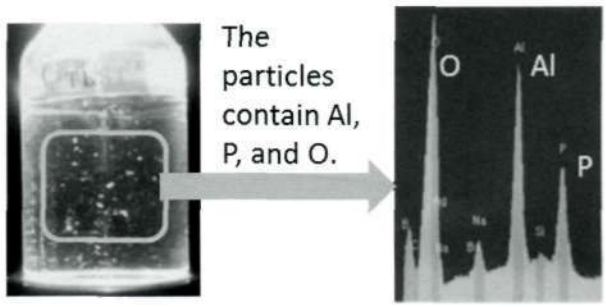

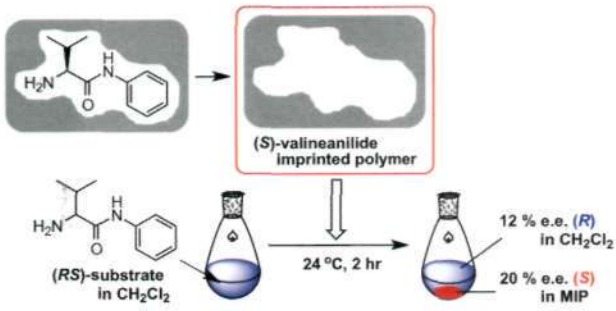

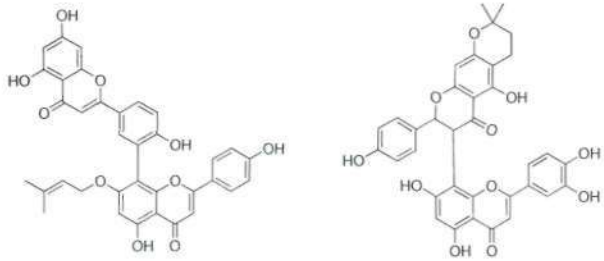

garciniaflavone A

garciniaflavone E

Notes

About the cover: Molecular computational docking study-discovery of a new pyrazole derivative (LQFM 021), a possible phosphodiesterase-3 (PDE-3) inhibitor with vasorelaxant activity and low toxicity. The crystal structure of human PDE-3 was retrieved from the Protein Data Bank. This Figure shows the major energetically favored binding clusters of LQFM 021 in the active sites of PDE-3. The 3D representation of PDE-3 structures with select amino acid residues are shown as lines (the carbon atoms are in gray). The LQFM 021 is shown as sticks (the carbon atoms are shown in green). The green dotted lines denote hydrogen bonds. See the article by Ramos Martins *et al.* on page 524 of this issue.