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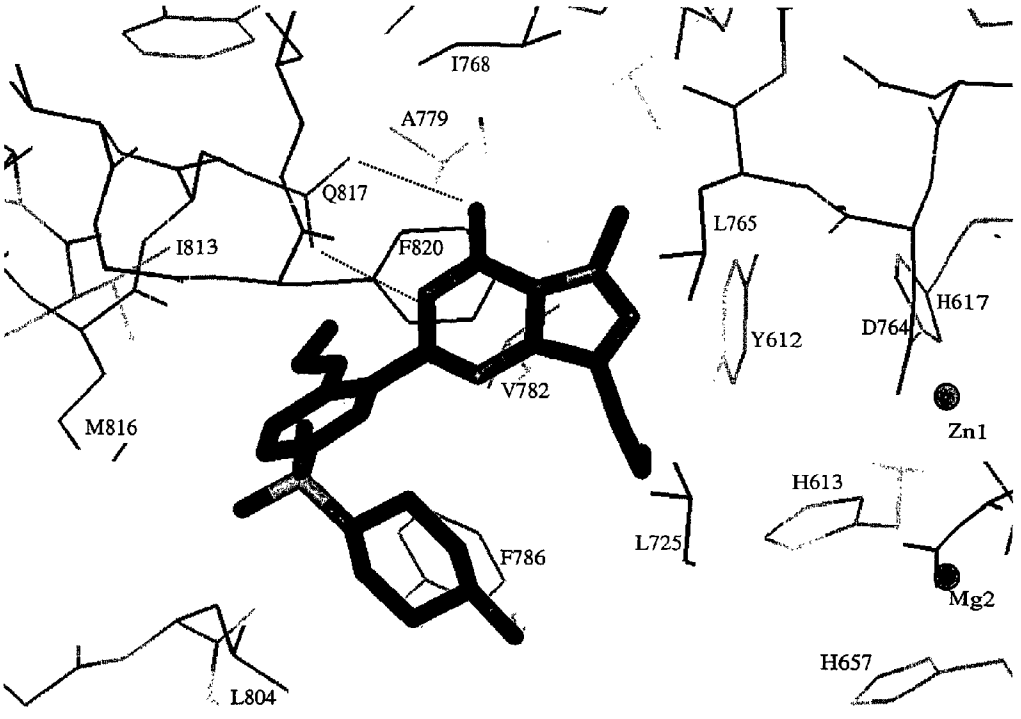
(71) Applicant *(for GB only)*: **PFIZER LIMITED** [GB/GB]; Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).

(71) Applicant *(for all designated States except GB, US)*: **PFIZER INC.** [US/US]; 235 East 42nd Street, New York, NY 10017 (US).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **BROWN, David, Graham** [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). **GROOM, Colin, Roger** [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). **HOPKINS, Andrew, Lee** [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). **JENKINS, Timothy, Mark** [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). **KAMP, Sarah, Helen** [GB/GB]; U.K. Patent Department, Pfizer Limited, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). **O'GARA, Margaret, Mary** [IE/FR]; Pfizer Global Research and Development, 3-9, rue de la Loge, B.P. 100, F-94265 Fresnes Cedex (FR). **RINGROSE, Heather, Joan** [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). **ROBINSON, Colin, Mark** [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). **TAYLOR, Wendy, Elaine** [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).

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(54) Title: CRYSTAL STRUCTURE OF PHOSPHODIESTERASE 5 AND USE THEREOF



(57) Abstract: The present invention relates , *inter alia* to the crystal structures of a phosphodiesterase 5 (PDE5) and PDE5/PDE5 ligand complex and their uses in identifying PDE5 ligands, including PDE5 inhibitor compounds. The present invention also relates to methods of identifying such PDE5 inhibitor compounds and their medical use. Also contemplated by the present invention are crystals of PDE5/PDE5 inhibitor complexes.

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(74) **Agents: ENGLAND, Peter, M.** et al.; Pfizer Limited, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).

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