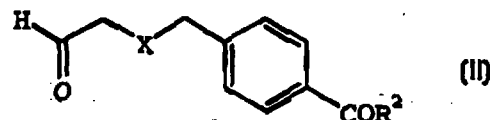
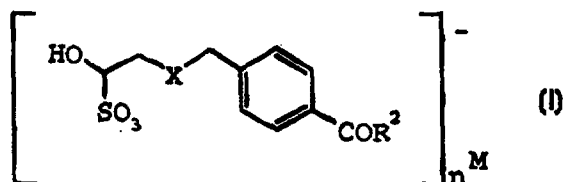




## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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| (71) Applicant (for all designated States except US): ELI LILLY AND COMPANY [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).                                                                                                                                                                                         |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                 |
| (72) Inventors; and<br>(75) Inventors/Applicants (for US only): KJELL, Douglas, Patton [US/US]; 3075 Hamilton Street, West Lafayette, IN 47906 (US). SLATTERY, Brian, James [US/US]; 2210 Wigeon Drive, Lafayette, IN 47905 (US). BARNETT, Charles, Jackson [US/US]; 7540 North Pennsylvania Street, Indianapolis, IN 46240 (US). |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                 |

(54) Title: PROCESSES AND INTERMEDIATES USEFUL TO MAKE ANTIFOLATES



## (57) Abstract

The present application relates to a series of novel sulfonic acid metal cation salts of formula (I) which are useful intermediates to prepare antifolate 5-substituted pyrrolo[2,3-d]pyrimidines. The present invention also relates to a novel process for preparing the sulfonic acid metal cation salts and to a novel process for preparing aldehydes of formula (II) from the corresponding sulfonic acid metal cation salts.