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(71) **Applicant** *(for all designated States except US)*: **ORCHID RESEARCH LABORATORIES LTD** [IN/IN]; Orchid Towers, 313, Valluvar Kottam High Road, Nungambakkam 600034, Chennai (IN).

(72) **Inventors; and**
(75) **Inventors/Applicants** *(for US only)*: **UDAYAMPALAYAM PALANISAMY, Senthilkumar** [IN/IN]; Orchid Chemicals & Pharmaceuticals Ltd, R & D Centre: Plot No:476/14, Old Mahabalipuram Road, Sozhanganallur 600119, Chennai (IN). **PAUL-SATYASEELA, Maneesh** [IN/IN]; Orchid Research Laboratories Ltd, R & D Centre, Plot No. 476/17A1B, Old Mahabalipuram Road, Sozhanganallur 600119, Chennai (IN). **NARAYANAN, Shridhar** [IN/IN]; Orchid Research Laboratories Ltd, R & D Centre, Plot No. 476/17A1B, Old Mahabalipuram Road, Sozhanganallur 600119, Chennai (IN). **BALASUBRAMANIAN, Gopalan** [IN/IN]; Orchid Research Laboratories Ltd., R & D Centre, Plot No. 476/17A1B, Old Mahabalipuram Road, Sozhanganallur 600119, Chennai (IN). **APPU, Aravind** [IN/IN]; Orchid Chemicals & Pharmaceuticals Ltd, R & D Centre, Plot No. 476/14, Old Mahabalipuram Road, Sozhanganallur 600119, Chennai (IN). **MANICKAM, Senthilnathan** [IN/IN]; Orchid Chemicals & Pharmaceuticals Ltd, R & D Centre, Plot No. 476/14, Old Mahabalipuram Road, Sozhanganallur 600119, Chennai (IN). **PERIASAMY, Hariharan** [IN/IN]; Orchid Research Laboratories Ltd, R & D Centre, Plot No. 476/17A1B, Old Mahabalipuram Road, Sozhanganallur 600119, Chennai (IN).

(74) **Agent**: **UDAYAMPALAYAM PALANISAMY, Senthilkumar**; Orchid Chemicals & Pharmaceuticals Ltd, R & D Centre: Plot No:476/14, Old Mahabalipuram Road, Sozhanganallur 600119, Chennai (IN).

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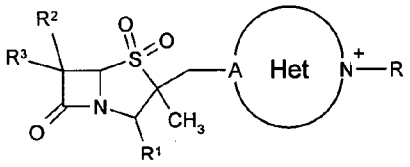
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(54) **Title**: COMPOUNDS AND THEIR USE



(I)

(57) **Abstract**: Described herein are compounds and their use in the treatment of infections. The compound of formula (I), their derivatives, analogs, tautomeric forms, stereoisomers, polymorphs, solvates, pharmaceutically acceptable salts and pharmaceutical compositions described herein are also useful as β -lactamase inhibitors, which restore or enhance the antibiotic spectrum of a suitable antibiotic agent. The compounds of formula (I) act as inhibitors of β-lactamases. These compounds restore/potentiate the activities of β-lactam antibiotics against carbapenemases. These compounds find use in diagnostic method for detecting β-lactamases. Formula (I)

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