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(71) Applicants *(for all designated States except US)*: **NOVARTIS AG** [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH). **ASTEX THERAPEUTICS LTD** [GB/GB]; 436 Cambridge Science Park, Milton Road, Cambrige Cambridgeshire CB4-0QA (GB).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **CALIENNI, John Vincent** [US/US]; Novartis Pharmaceuticals Corporation, One Health Plaza, East Hanover, New Jersey 07936 (US). **CHEN, Guang-Pei** [US/US]; 33 Preston Drive, Livingston, New Jersey 07039 (US). **GONG, Baoqing** [US/US]; Novartis Pharmaceuticals Corporation, One Health Plaza, East Hanover, New Jersey 07936 (US). **KAPA, Prasad Koteswara** [US/US]; Novartis Pharmaceuticals Corporation, One Health Plaza, East Hanover, NJ 07936 (US). **SAXENA, Vishal** [IN/US]; 2001 Falls Boulevard, Apt. 124, Quincy, Massachusetts 02169 (US).

(74) Agent: **RUECK, Sandra S.**; Novartis Pharmaceuticals Corporation, Patent Department, One Health Plaza, East Hanover NJ, New Jersey 07936 (US).

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(54) **Title**: SALT(S) OF 7-CYCLOPENTYL-2 -(5-PIPERAZIN-1-YL-PYRIDIN-2-YLAMINO)-7H-PYRROLO[2,3-D]PYRIMIDINE-6-CARBOXYLIC ACID DIMETHYLAMIDE AND PROCESSES OF MAKING THEREOF

(57) **Abstract**: This invention relates to (1) process of making 7-Cyclopentyl-2-(5-piperazin-1-yl-pyridin-2-ylamino)-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide and salts thereof; (2) novel salt(s) of 7-Cyclopentyl-2-(5-piperazin-1-yl-pyridin-2-ylamino)-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide; (3) pharmaceutical compositions comprising the same; and (4) methods of treatment using the same.