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(71) Applicant *(for all designated States except US)*: **NOVARTIS AG** [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).

(72) Inventor; and

(75) Inventor/Applicant *(for US only)*: **GU, Jessie** [US/US]; c/o Novartis Institutes for BioMedical Research, Inc., 220 Massachusetts Avenue, Cambridge, Massachusetts 02139 (US).

(74) Agent: **MATOVCIK, Lisa, M.**; Novartis Pharmaceuticals Corporation, Patent Department, Bldg. 101, One Health Plaza, East Hanover, New Jersey 07936-1080 (US).

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(54) **Title**: USE OF ORGANIC COMPOUND FOR THE TREATMENT OF NOONAN SYNDROME

(57) **Abstract**: The use of a MEK inhibitor compound of Formula (I), as defined herein, or a pharmaceutically acceptable salt thereof for the preparation of a medicament for the treatment of Noonan Syndrome, a method of treating a warm-blooded animal, especially a human, having Noonan Syndrome, comprising administering to said animal a therapeutically effective amount of a MEK inhibitor compound of Formula (I), as defined herein, or a pharmaceutically acceptable salt thereof; and to a pharmaceutical composition and a commercial package comprising a compound of Formula (I) or a pharmaceutically acceptable salt thereof, and a package insert or other labeling including directions for treating Noonan Syndrome.