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(71) Applicant: **METABOMED LTD** [IL/IL]; 18 HaKishon St,
81220 Yavne (IL).

(72) Inventors: **NAKACHE, Philippe**; Etzel 19, 81220 Ness
Ziona (IL). **EREZ, Omri**; HaRaaz Street 3, apt 8, 7631003
Rehovot (IL). **BOTTI, Simone**; HaNassi HaRishon Street
52b, apt 32, 7630242 Rehovot (IL). **GOUTOPOULOS,**
Andreas; 73 Worcester St. Apt 5, Boston, Massachusetts
02118 (US). **LABELLE, Marc**; 18 Regency Drive, Bed-
ford, New Hampshire 03110 (US).

(74) Agent: **COHEN, Mark, S.** et al.; Pearl Cohen Zedek Latzer
Baratz, P.O. Box 7198, 6107121 Tel Aviv (IL).

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(54) Title: ACSS2 INHIBITORS AND METHODS OF USE THEREOF

(57) Abstract: The present invention relates to novel ACSS2 inhibitors having activity as anti-cancer therapy, treatment of alcoholism, and viral infection (e.g., CMV), composition and methods of preparation thereof, and uses thereof for treating viral infection, alcoholism, alcoholic steatohepatitis (ASH), non-alcoholic steatohepatitis (NASH), obesity/weight gain, anxiety, depression, post-traumatic stress disorder, inflammatory/autoimmune conditions and cancer, including metastatic cancer, advanced cancer, and drug resistant cancer of various types.

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