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(54) Title: 3-PHENYL-1-BENZOTHIOPHENE-2-CARBOXYLIC ACID DERIVATIVES AS BRANCHED-CHAIN ALPHA KETO
ACID DEHYDROGENASE KINASE INHIBITORS FOR THE TREATMENT OF DIABETES, KIDNEY DISEASES, NASH AND
HEART FAILURE

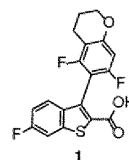
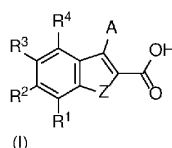
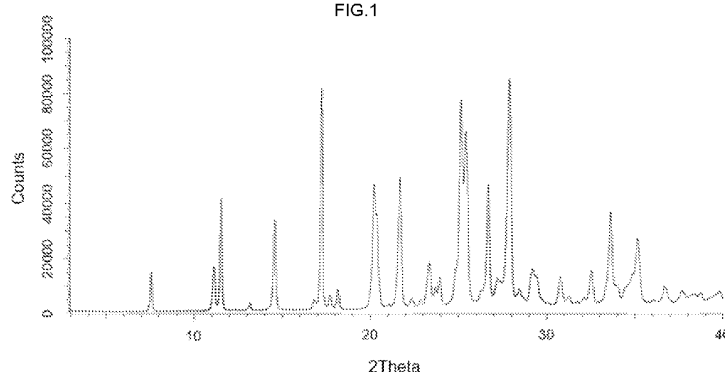


FIG.1



(57) Abstract: The present invention refers to compounds of Formula (I) as branched-chain alpha keto acid dehydrogenase kinase inhibitors and/or degraders for the treatment of e.g. diabetes, kidney diseases, NASH and heart failure. Preferred compounds are e.g. 3-phenyl-1-benzothiophene-2-carboxylic acid derivatives. An exemplary compound is e.g. 3-(5,7-difluoro-3,4-dihydro-2H-1-benzopyran-6-yl)-6-fluoro-1-benzothiophene-2-carboxylic acid (example 1) The present application discloses the synthesis and characterisation of exemplary compounds as well as pharmacological data thereof.

[Continued on next page]

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