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(54) **PYRAZOLO[1,5-a]PYRIDO[4,3-e]PYRIMIDINE-2-CARBOXYLIC ACIDS AS CK2 INHIBITORS**

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CPC ..... **C07D 471/14** (2013.01); **A61K 31/519** (2013.01); **A61P 35/00** (2018.01)

(58) **Field of Classification Search**  
CPC ..... C07D 471/14; A61K 31/519  
See application file for complete search history.

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(57) **ABSTRACT**

Novel pyrazolo[1,5-a]pyrido[4,3-e]pyrimidine-2-carboxylic acid compounds, a method of synthesizing said compounds, a pharmaceutical composition comprising said compounds and a suitable carrier, and a method of using the compounds. The pyrazolo[1,5-a]pyrido[4,3-e]pyrimidine-2-carboxylic acid compounds, identified as CK2 inhibitors, are useful as anticancer and/or antitumor agents, and as agents for treating other kinase-associated conditions including inflammation, pain, and certain immunological disorders, and other types of diseases such as diabetes, viral infection, neurodegenerative diseases.

**20 Claims, No Drawings**

