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(54) Title: PYRUVATE DERIVATIVES

(57) Abstract: Certain known and novel pyruvate derivatives are particularly active in restoring or preserving metabolic integrity in oxidatively competent cells that have been subjected to oxygen deprivation. These pyruvate-derived compounds include, but are not limited to oximes, amides, pyruvate analogues, modified pyruvate analogues, esters of pyruvate (e.g., polyol-pyruvate esters, pyruvate thioesters, glycerol-pyruvate esters and dihydroxyacetone-pyruvate esters). Such pyruvate derivatives (including single tautomers, single stereoisomers and mixtures of tautomers and/or stereoisomers, and the pharmaceutically acceptable salts thereof) are useful in the manufacture of pharmaceutical compositions for treating a number of conditions characterized by oxidative stress.



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