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United States Patent [19][11] **Patent Number:** **5,334,612****Kalden et al.**[45] **Date of Patent:** **Aug. 2, 1994**

[54] **PHARMACEUTICAL COMPOSITIONS CONTAINING AS ACTIVE SUBSTANCE SULPHUR-CONTAINING CARBOXYLIC ACIDS AND THEIR USE IN COMBATING RETROVIRUSES**

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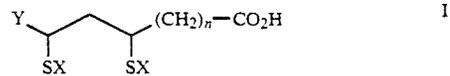
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[57] **ABSTRACT**

Pharmaceutical compositions containing at least one compound of Formula I,



where X is a hydrogen atom or both X's represent a direct link between the two sulphur atoms; Y is hydrogen or C₁-C₆ alkyl and n represents a number from 1 to 10, or their pharmaceutically acceptable salts including α-lipoic acid and dihydrolipoic acid. The pharmaceutical compositions are useful for the treatment of diseases caused by retroviruses.

22 Claims, 3 Drawing Sheets

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[52] **U.S. Cl.** **514/440**; 514/557; 514/558; 514/559; 514/707; 424/439

[58] **Field of Search** 514/430, 439, 440, 557, 514/558, 559, 707, 762; 424/439

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