



## [54] COSMETIC COMPOSITIONS CONTAINING LACTATE DEHYDROGENASE INHIBITORS

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## [57] ABSTRACT

Inhibitors of lactate dehydrogenase stimulate keratinocyte proliferation and collagen synthesis in cutaneous tissues. The inhibitors are used preferably with certain co-active ingredients such as pyruvic acid, acetic acid, acetoacetic acid,  $\beta$ -hydroxybutyric acid, a Krebs cycle pathway metabolite, an aliphatic saturated or an unsaturated fatty acid containing from 8 to 26 carbon atoms, an  $\omega$ -hydroxy acid containing from 22 to 34 carbon atoms, glutamic acid, glutamine, valine, alanine, leucine, and mixtures thereof.

8 Claims, No Drawings