

**SKIN TREATMENTS CONTAINING CARBOXYLIC ACID-SUBSTITUTED
IDEBENONE DERIVATIVES AND METHODS OF PREPARATION AND
USE THEREOF**

5 ABSTRACT

The present invention relates to novel carboxylic acid-substituted idebenone derivatives, skin treatment compositions containing these carboxylic acid-substituted idebenone derivatives, methods of treating skin changes by topical application of these carboxylic acid-substituted idebenone derivatives, and their methods of
10 synthesis. The carboxylic acid-substituted idebenone derivatives of the present invention are unexpectedly effective in treating skin, particularly with respect to skin tolerance. When included in a topical composition, the carboxylic acid-substituted idebenone derivatives of the present invention have an antioxidant effect that is useful in treating a skin change.

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(No Suitable Figures)