
Subject: I-Ascorbic acid 2-phosphate

Posted by [kkoo](#) on Tue, 07 Sep 2010 10:28:48 GMT

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Exp Dermatol. 2010 Aug 4. [Epub ahead of print]

I-Ascorbic acid 2-phosphate represses the dihydrotestosterone-induced dickkopf-1 expression in human balding dermal papilla cells.

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Abstract

Recent studies suggested that dihydrotestosterone (DHT)-driven alteration in the autocrine and paracrine factors may be a key to androgen-potentiated balding. Also, we recently claimed that DHT-inducible dickkopf-1 (DKK-1) is one of the key factors involved in the androgen-potentiated balding. Here, we investigated whether I-ascorbic acid 2-phosphate (Asc 2-P), a derivative of I-ascorbic acid, could attenuate DHT-induced DKK-1 expression in dermal papilla cells (DPCs) from balding scalp. We observed that DHT-induced DKK-1 mRNA expression was attenuated in the presence of Asc 2-P as examined by RT-PCR analysis. In addition, we found that DHT-induced activation of luciferase reporter activity was significantly repressed when Asc 2-P was added together with DHT. Moreover, Asc 2-P repressed DHT-induced DKK-1 protein expression as examined by enzyme-linked immunosorbent assay (ELISA). Although there will be many hurdles to apply our finding to actual remedies, these results suggest that it would be worthy to evaluate Asc 2-P or its derivatives for the treatment and prevention of androgen-driven balding.

Quelle: pubmed

Subject: Aw: I-Ascorbic acid 2-phosphate

Posted by [Haar_Challenge_2021](#) on Mon, 10 Sep 2012 12:16:45 GMT

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Ein gutes Produkt mit L-Threonate

<http://www.iherb.com/Solaray-Reacta-C-500-mg-180-Veggie-Caps/31522>
