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(54) **Title:** ASTAXANTHIN DERIVATIVES FOR HEAT STRESS PREVENTION AND TREATMENT

(57) **Abstract:** The present invention relates to the use of natural astaxanthin for enhancing the tolerance to heat stress of a subject suspected to be exposed to heat stress or of a subject already affected by heat stress. Enhancing the tolerance of the subject to heat stress results in preventing or reducing the symptoms and/or conditions associated with heat stress.

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