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(54) Title: METHODS OF TREATING PRIMARY COENZYME Q10 DEFICIENCY

(57) Abstract: Provided herein are methods of treating primary Coenzyme Q10 deficiency in a subject, comprising administering to the subject a highly bioavailable composition comprising Coenzyme Q10. The methods result in plasma concentrations of Coenzyme Q10 significantly greater than normal levels in a subject, and far greater than can be achieved with over the counter oral Coenzyme Q10 supplements.