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(54) **METHODS AND COMPOSITIONS FOR THE TREATMENT OF METABOLIC DISORDERS**

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(57) **ABSTRACT**

The present invention is directed to a novel methods and compositions for the therapeutic intervention in hyperphenylalaninemia. More specifically, the specification describes methods and compositions for treating various types of phenylketonurias using compositions comprising BH4. Combination therapies of BH4 and other therapeutic regimens are contemplated.

12 Claims, 20 Drawing Sheets