such equivalent embodiments are to be included herein. All references cited herein are incorporated by reference as if fully set forth herein.

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What is claimed is:

1. A method of treating a urea cycle disorder in a subject comprising administering to a subject having a plasma PAA to PAGN ratio outside the target range of 1 to 2, a dosage of glyceryl tri-[4-phenylbutyrate] (HPN-100) effective to achieve a plasma PAA to PAGN ratio within the target range of 1 to 2.

2. A method of treating a urea cycle disorder in a subject comprising administering to a subject having a plasma PAA to PAGN ratio outside the target range of 1 to 2.5, a dosage of glyceryl tri-[4-phenylbutyrate] (HPN-100) effective to achieve a plasma PAA to PAGN ratio within the target range of 1 to 2.5.

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