SYNTHESIS OF (S)-2-AMINO-4-METHYL-1-((R)-2-METHYLOXIRANE-2-YL)-PENTAN-1-ONE AND PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF

ABSTRACT

The present invention provides new methods for preparing compound (5), and pharmaceutically acceptable salts thereof, of structure. Compound (5), or a pharmaceutically acceptable salt thereof, is an important intermediate in the synthesis of carfilzomib. The invention further provides methods of making a useful manganese catalyst that may be used in the epoxidation step of the present invention.

No suitable figure