

DLM-1 MOLECULAR SIEVE, MANUFACTURING METHOD THEREFOR, AND USE THEREOF

Abstract

5 The present invention relates to a DLM-1 molecular sieve, a process for preparing the molecular sieve, and use thereof in treating an organic substance. The DLM-1 molecular sieve of the present invention is an Al-SBA-15 molecular sieve, and has a schematic chemical composition as represented by the formula "first oxide*second oxide", wherein said first oxide is silica, said second oxide is alumina, and the content by mass percent of alumina in said schematic chemical
10 composition is 2% to 85%. The DLM-1 molecular sieve of the present invention is particularly suitable for the hydrodenitrogenation reaction of heavy distillate oil, and is favorable for improving the hydrodenitrogenation activity.

[No Figure]

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