

ABSTRACT

The invention relates to a molecular sieve SCM-15, a preparation process and use thereof. The molecular sieve comprises a schematic
5 chemical composition of a formula of " $\text{SiO}_2 \cdot \text{GeO}_2$ ", wherein the molar ratio of silicon and germanium satisfies $\text{SiO}_2/\text{GeO}_2 \geq 1$. The molecular sieve has unique XRD diffraction data and can be used as an adsorbent or a catalyst.

Fig. 1