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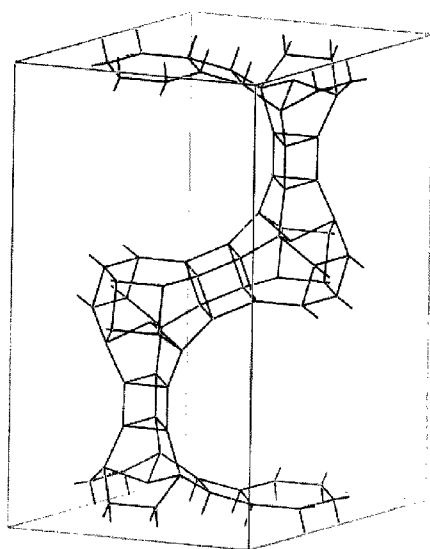
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(54) Title: ITQ-40, NEW CRYSTALLINE MICROPOROUS MATERIAL

FIGURE 1
Framework structure of ITQ-40
(showing only the tetrahedral atoms and the connectivity between them)
There is one unit cell, whose edges are defined by the gray box



(57) Abstract: ITQ-40 (INSTITUTO DE TECNOLOGÍA QUÍMICA number 40) is a new crystalline microporous material with a framework of tetrahedral atoms connected by atoms capable of bridging the tetrahedral atoms, the tetrahedral atom framework being defined by the interconnections between the tetrahedrally coordinated atoms in its framework. ITQ-40 can be prepared in silicate compositions with an organic structure directing agent. It has a unique X-ray diffraction pattern, which identifies it as a new material.



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