



Cubic assemblies of eight carbon atoms each.

Two assemblies of eight carbon atoms each in which the centroids of the atoms occupy the vertexes of a cube. The carbon atoms are shown at the top of the figure next to the semistable groups of four hinged carbon atoms. The blue and yellow groups are joined in two ways in the lower part of the figure. The carbon atoms of the left group enclose a regular octahedral volume. The carbon atoms of the right group can cleftly join to other atoms. It is a structure which is suitable for the cubane molecule.

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