Crystal structure of karpatite (C24H12: coronene): application of Huckel rule to the paragenesis of PAH minerals.

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http://www.geo.tsukuba.ac.jp/Mineralogy\_Web/Kimata\_Labo/index.html

The crystal structure of karpatite, C24H12, from Picacho Peak Area, San Benito County, California, monoclinic, P21/c, a=10.06(1) Ang., b=4.694(5) Ang., c=16.08(3) Ang., beta =69.19(5) deg., V=980.9(4) cubic Ang., Z=2, was solved by direct methods and refined with full-matrix least squares techniques to R=0.050 and Rw=0.078 for 1921 observed reflections [Io is larger than 5 sigma (Io)] collected using MoK-alfa radiation.