

carbaboranes

A class of boron compound of general formula $[(\text{CH})_a(\text{BH})_m\text{H}_b]^c$ where c can be positive, negative or zero. The CH groups occupy polyhedron vertices, and other hydrogen atoms are either bridging or terminal.

Note:

The contraction 'carboranes' is also well established as the generic name for this class of compound.

Source:

Red Book, p. 228

PAC, 1995, 67, 1307 (*Glossary of class names of organic compounds and reactivity intermediates based on structure (IUPAC Recommendations 1995)*) on page 1326