POLYHEDRON

The International Journal for Research in Inorganic Chemistry.

AUTHOR INFORMATION PACK

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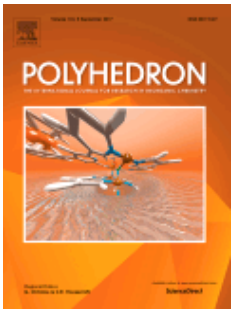

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Inorganic chemists, biochemists.

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Polyhedron publishes original, fundamental, experimental and theoretical work of the highest quality in all the major areas of **inorganic chemistry**. This includes **synthetic** chemistry, **coordination** chemistry, **organometallic** chemistry, **bioinorganic** chemistry, and **solid-state** and **materials** chemistry. Papers should be significant pieces of work, and all new compounds must be appropriately characterized. The inclusion of single-crystal X-ray structural data is strongly encouraged, but papers reporting only the X-ray structure determination of a single compound will usually not be considered. Papers on solid-state or materials chemistry will be expected to have a significant molecular chemistry component, such as the synthesis and characterization of the molecular precursors and/or a systematic study of the use of different precursors or reaction conditions.
Polyhedron publishes **full papers**, specially commissioned review articles (**Polyhedron Reports**) and themed issues of the journal (**Polyhedron Symposia-in-Print**). Polyhedron does **not** publish communications or notes.

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(iii) Unit cell parameters with esds and X-ray wavelength used.
(iv) Crystal system, space group and number of complete chemical units (see ii) per cell.
(v) Type of diffractometer used and method of data collection. Total number of data collected, excluding any intensity controls, number unique Rint value, number observed (with cut-off parameter), and completeness of data to suitable 2 or sin/limit, use or otherwise of absorption correction.
(vi) Final results. Give values of R, Rw (and their definitions) and number of parameters. Indicate form of refinement (F or F2) and treatment of hydrogens.

Note. Easily derived parameters should not be given unless required in discussion of other data (e.g. number of solvent molecules, etc).

Discussion of the Structure. This must include a clear, labelled diagram of the structure (molecule, complex ion or unit cell contents if the structure is polymeric), and a list of relevant geometry parameters - interatomic distances, interbond angles, torsion angles etc. Data for geometrically less important parts of the structure, such as ligand sub groups (phenyl rings, alkyl groups etc.), should not be given. Packing diagrams of crystal structures of "molecular" compounds should not be given unless there are chemically important intermolecular interactions.

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