

Dimeric units and the three dimensional structure of 8.

Photochemical and thermal synthesis and characterization of polypyridine ruthenium(II) complexes containing different monodentate ligands.

Sylvestre Bonnet, Jean-Paul Collin, Nathalie Gruber, Jean-Pierre Sauvage and Emma R. Schofield.

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R = H

$$\begin{array}{c}
1 : L = CI^{-} \\
2 : L = CH_{3}CN \\
4 : L = N
\end{array}$$

$$\begin{array}{c}
5 : L = N \\
2 : L = CH_{3}CN \\
3 : L = NC^{-}
\end{array}$$

$$\begin{array}{c}
6 : L = N \\
7 : L = N \\
8 : L = N \\
- N - CH
\end{array}$$

$$\begin{array}{c}
6 : L = N \\
- N - CH
\end{array}$$

$$\begin{array}{c}
7 : L = CI^{-} \\
- N - CH
\end{array}$$

$$\begin{array}{c}
7 : L = CI^{-} \\
- N - CH
\end{array}$$

$$\begin{array}{c}
11 : L = CI^{-} \\
- CH_{3} \\
- 10 : L = N \\
- A
\end{array}$$

$$\begin{array}{c}
11 : L = CI^{-} \\
- CH_{3} \\$$

proton indexation used in ¹H NMR data