



*31-Phosphorus NMR of  $[Rh(dppe)_2(OAc)][OTf]_2$*

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**Field strength:** 162 MHz

### Why is this your favorite spectrum?

The phosphorus atoms in each ligand are chemically inequivalent, while the presence of C2 axis relates the phosphorus atoms of the different ligands leading to two sets of phosphorus atoms. The two sets will give two peaks. Each peak will be split by the other phosphorus atoms and by Rh to give two doublets of triplets.