

(Acetonitrile-N)(o-benzoquinone  
diimine-N,N?)chloro-trans-bis(tri-phenylphosphine-P)ruthenium(II)  
hexafluorophosphate 0.25-hydrate

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© 2000 International Union of Crystallography. The Ru atom in the title compound,  $[\text{RuCl}(\text{CH}_3\text{CN})\text{-}\{\text{P}(\text{C}_6\text{H}_5)_3\}_2\{\text{C}_6\text{H}_4(\text{NH})_2\}]\text{PF}_6\cdot 0.25\text{H}_2\text{O}$ , has a six-coordinate octahedral geometry, with a trans arrangement of the triphenylphosphine groups. The asymmetric unit contains two complex molecules and a partially occupied water site. Principal dimensions include Ru-N 1.958 (4)-2.044 (5), Ru-P 2.3897 (16)-2.4092 (15), and Ru-Cl 2.4280 (15) and 2.4295 (16) Å.