

Syntheses and Structures of $[\text{Cp}^*\text{Rh}_2(\mu\text{-SR})_3](\text{OTf})$

(R = Allyl, *i*-Bu, Ph)

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$\text{Cp}^*\text{Rh}(\eta^2\text{-NO}_3)(\text{OTf})$ (**1**) reacted with HSR (R = allyl, *i*-Bu, Ph) in acetone at room temperature to give an ionic, triply thiolate-bridged, dinuclear Rh(III) compound, $[\text{Cp}^*\text{Rh}_2(\mu\text{-SR})_3](\text{OTf})$ (**2a-c**). Compounds **2a-c** have been structurally characterized by X-ray diffraction.

