



>>Entry Name: Tetrakis(μ -acetato)dirhodium(1+), 9Cl

CAS Registry Number: 15956-28-2

$[\text{Rh}_2(\text{OAc})_4]^{(+)}$

Molecular Formula: $\text{C}_8\text{H}_{12}\text{O}_8\text{Rh}_2^{(+)}$

Molecular Weight: 441.989

Accurate Mass: 441.86422

Percentage Composition: C 21.74%; H 2.74%; O 28.96%; Rh 46.56%

Physical Description: Salts not isol. Cation is orange or violet in colour depending on the medium and slowly disproportionates into $\text{Rh}_2(\text{OAc})_4$ and Rh(III) species

Other Data: Paramagnetic

Fluka: 83725

References:

Wilson, C.R. *et al.*, *Inorg. Chem.*, 1975, **14**, 2276, (*synth, magnetism, uv, electrochem*)

Cannon, R.D. *et al.*, *Inorg. Chem.*, 1981, **20**, 1470, (*synth, kinetics*)