

# Charge Transfer Interaction in (Riboflavin)tricarbonylrhenium(I) Chloride

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[Re(riboflavin)(CO)<sub>3</sub>Cl] shows intraligand ( $\lambda_{\text{max}} = 476$  and 518 nm) and Re(I) to  $\pi^*$  (riboflavin) metal-to-ligand charge transfer, MLCT, ( $\lambda_{\text{max}} = 556$  nm, in CH<sub>3</sub>CN) absorptions in close proximity. The MLCT band undergoes a moderate solvent-dependent shift (negative solvatochromism) indicating a partial charge separation in the excited state. The complex is not photoluminescent.

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