



>>Derivative: Diperchlorate

CAS Registry Number: 15635-95-7

Source/Synthesis: Synth. by metathesis of the dichloride with HClO_4 , or from $\text{RuCl}_3 \cdot 3\text{H}_2\text{O}$ and $[\text{Ag}(\text{bipy})_2][\text{ClO}_4]$ followed by addition of NaClO_4

Physical Description: Orange cryst. ($\text{Me}_2\text{CO}/\text{Et}_2\text{O}$ or MeOH aq.) or deep red tablets (H_2O)

>>Derivative: Bis-hexafluorophosphate

CAS Registry Number: 60804-74-2

Source/Synthesis: Synth. by metathesis of the dichloride with NH_4PF_6 , or from $\text{Ru}(\text{DMSO})_4\text{Cl}_2$ or $\text{RuCl}_3 \cdot 3\text{H}_2\text{O}$ and bipy followed by addition of NH_4PF_6

Physical Description: Orange cryst. ($\text{Me}_2\text{CO}/\text{Et}_2\text{O}$, or $\text{Me}_2\text{CO}/\text{EtOH}$, or $\text{MeCN}/\text{toluene}$ or EtOH)

Solubility: Sol. H_2O , CH_2Cl_2

References:

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