

Technical data sheet

Ruthenium

Ruthenium chloride trihydrate

Formula	$\text{RuCl}_3 \cdot 3\text{H}_2\text{O}$
CAS No.	13815-94-6
Grade	RM HC 328
Description	blackish red crystalline powder
Metal content	38.0%-48.0%
Molar Mass (g/Mol)	261.57
Melting Point (°C)	100°C

Storage Condition

Store in a tightly, dark closed container under inert gas at ambient temperature.

Application

Precursor for the hydroamidation of terminal alkynes, For the oxidation of thioethers to sulfones.