

Technical data sheet

Rhodium

Dicarbonyl(acetylacetonato)Rhodium(I)

Formula	$\text{Rh}(\text{AcAc})(\text{CO})_2$
CAS No.	14874-82-9
Grade	RM HC 468
Description	greenish red crystalline powder
Metal content	38.0%-40.0%
Molar Mass (g/Mol)	258.03
Melting Point (°C)	154-156 °C

Storage Condition

Store in a tightly closed container at ambient temperature.

Application

$\text{Rh}(\text{AcAc})(\text{CO})_2$ is used in situ formation of a fluorous-soluble hydroformylation catalyst of interest in molecular engineering. It is also used as a catalyst for various carbonylation reactions, silylcarbocyclizations, conjugate additions to enones, carbamoylstannation, and reduction of aromatic nitro compounds