



Johnson Matthey  
Chemical Products

## Ru-70 Tris(acetylacetonate) ruthenium



### Product name

Tris(2,4-pentanedionate)  
ruthenium(III)

### Chemical formula

$\text{Ru}(\text{acac})_3$

### Product code\*

UK - 199070

\* This product can be ordered worldwide under the UK product code.

### CAS Number

14284-93-6

### Product family

Pgm compound (solid)

### Process

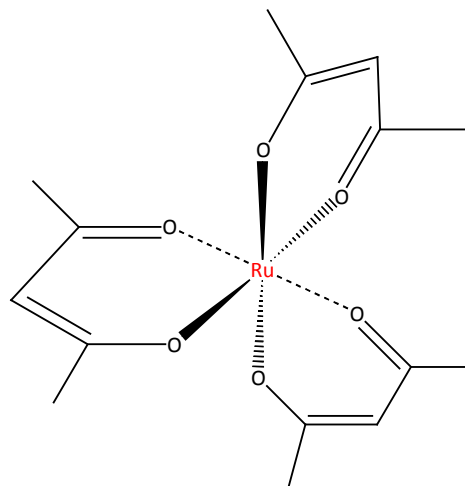
Metal deposition, Hydrogenation

### Market

Electronics, Chemicals

### Benefits

Ru-70 is air stable and halide free. It is soluble in organic solvents and sublimates at 180°C, 0.05 mm Hg.



### Application

Ru-70 is used to deposit ruthenium in processes such as chemical vapour deposition. It can also be used as a catalyst precursor for the hydrogenation of esters, carboxylic acids and amides and the amination of alcohols.

### Shipping & Handling

Ru-70 is toxic if swallowed.

Please refer to the relevant Safety Data Sheet for further information.

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<b>Form:</b>	solid
<b>Ruthenium content:</b>	24.2 - 25.7 % w/w
<b>Colour:</b>	red