

Technical data sheet

## Rhodium

# Tris(acetonitrile)pentamethylcyclopentadienylrhodium(III) hexafluoroantimonate

Formula	$[\text{CP}^*\text{Rh}(\text{MeCN})_3](\text{SbF}_6)_2$
CAS No.	59738-27-1
Grade	RM HC 477
Description	Yellow crystalline powder
Metal content	11.8%-12.5%
Molar Mass (g/Mol)	832.79
Melting Point (°C)	-

## Storage Condition

Store in a tightly closed container at ambient temperature.

## Application

Catalyst used for the oxidative, cross-coupling/cyclization of aryl aldimines and alkynes. Catalyst for directed C-H functionalization with enamides and isocyanates. Catalyst useful for the Fagnou Indole/Pyrrole Synthesis. Catalyst used for the intermolecular hydroarylation of alkynes.