

# Technical Data Sheet

## RuCl(p-cymene)[(S,S)-Ts-DPEN]

<b>CAS No.</b>	192139-90-5
<b>Formula</b>	RuCl(p-cymene)[(S,S)-Ts-DPEN]
<b>Molar Mass (gm/mol)</b>	636.21
<b>Grade</b>	RM HC 3109
<b>Appearance</b>	Orange to Dark Orange
<b>Metal Content</b>	14.35 % - 15.40%
<b>Melting Point (°C)</b>	>175 °C

### Storage Condition

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

### Application

- This is a chiral ruthenium catalyst primarily used in asymmetric transfer hydrogenation (ATH) of ketones and imines to produce chiral alcohols and amines