


iMiD 2023

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Exhibitor Introduction	Korea Advanced Material got exclusive Sales Agreement with Heraeus about "Precious Metal compounds, especially Homogeneous Catalysts used for the manufacturing of OLED materials"	
Exhibit Description	Ir compounds <ul style="list-style-type: none">♣ Ir is often used as the central atom for phosphorescent emitters for OLEDs♣ There have been many attempts to replace Ir as the central atom but it is still the standard♣ For this application a very pure Ir-chloride with Ir only in the oxidation state 3+ is needed	

♣ We can provide a chemically pure Ir-chloride as a starting material

Pd compounds

♣ Ligands for metal based emitters or metal free organic emitters are often created by C-C coupling reactions

♣ For these couplings homogeneous Pd-catalysts like e.g. Pd(OAc)₂ , Pd₂(dba)₃ , Pd(dppf)Cl₂ etc. are needed

♣ The Pd-catalyst is only used for the ligand synthesis, it is not present in the emitter molecule itself

→ The following slides will show some of our Pd-compounds for C-C coupling

Exhibit Product

Ir compounds, Pd compounds, Pd phosphine complexes