

Technical data sheet

Iridium

Iridium trichloride trihydrate

Formula	$\text{IrCl}_3 \cdot 3\text{H}_2\text{O}$
CAS No.	13569-57-8
Grade	RM HC 753
Description	greenish black crystalline powder
Metal content	53.5%-58.5%
Molar Mass (g/Mol)	352.62
Melting Point (°C)	763°C

Storage Condition

Store in a tightly closed container at ambient temperature.

Application

Iridium(III) Chloride Trihydrate has various applications, primarily in catalysis and as a precursor for the synthesis of other iridium compounds. It is often employed as a catalyst in organic synthesis reactions, including hydrogenation, dehydrogenation, and oxidation reactions.