

Technical data sheet

Platinum

## Platinic Chloride (56% Platinum tetrachloride)

Formula	PtCl <sub>4</sub>
CAS No.	13454-96-1
Grade	RM HC 225
Description	Yellowish-brown solid
Metal content	57.50%
Molar Mass (g/Mol)	336.89
Melting Point (°C)	370°C

### Storage Condition

Store in a tightly closed container at ambient temperature.

### Application

Platinum(II) chloride is used as a catalyst for a variety of C-C bond, C-O bond, and C-N bond formation reactions. It acts as a precursor to prepare other platinum compounds such as cisplatin and dichloro(cycloocta-1,5-diene)platinum(II)

Used to make cisplatin, which has special effects on ovarian cancer and testicular cancer.