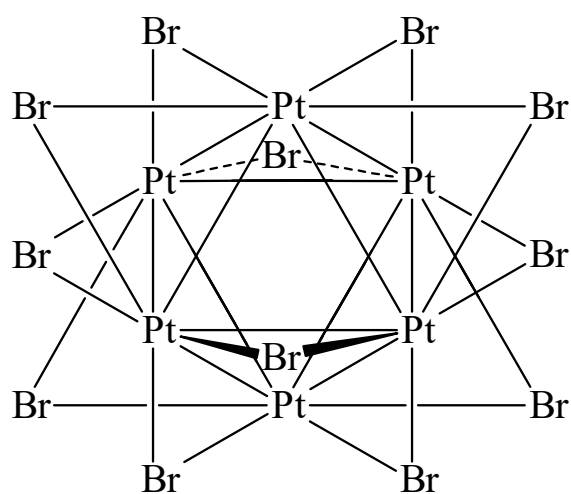




>>Entry Name: **Platinum(II) bromide (PtBr₂)**, 9Cl

Synonym(s): Dodeca-μ-bromohexaplatinum(II). Platinum dibromide



CAS Registry Number: 13455-12-4

Molecular Formula: Br₂Pt

Molecular Weight: 354.888

Accurate Mass: 352.841438

Percentage Composition: Br 45.03%; Pt 54.97%

Source/Synthesis: Synth. from H₂PtBr₄ or H₂PtBr₆ heated

Use/Importance: Starting material for other Pt^(II) Br compds. Commercially available

Physical Description: Brown solid

Solubility: Sol. Br⁽⁻⁾ aq.

Other Data: Dec. at 230°

Aldrich: 20612-1

References:

Sidgwick, N.V., *The Chemical Elements and their Compds.*, Oxford, 1950, 1582

Wells, A.F., *Structural Inorg. Chem.*, 5th Ed., Oxford, 1984, 414, (*struct*)