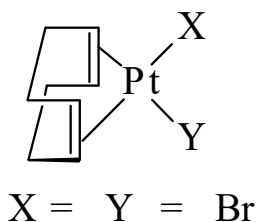




>>Entry Name: **Dibromo[(1,2,5,6-η)-1,5-cyclooctadiene]platinum, 9CI**

Synonym(s): 1,5-Cyclooctadienedibromoplatinum



CAS Registry Number: 12145-48-1

Molecular Formula: C<sub>8</sub>H<sub>12</sub>Br<sub>2</sub>Pt

Molecular Weight: 463.071

Accurate Mass: 460.935338

Percentage Composition: C 20.75%; H 2.61%; Br 34.51%; Pt 42.13%

Source/Synthesis: Synth. from Dichloro[(1,2,5,6-η)-1,5-cyclooctadiene]platinum [GLX69-W](#) and LiBr

Physical Description: Pale yellow cryst. (HOAc)

Melting Point: Mp 200-270 dec.°

Other Data: Adducts with cyclodextrins known

**Hazard & Toxicity:** Neoplasm inhibitor

Aldrich: 34234-3

#### References:

*Aldrich Library of 13C and 1H FT NMR Spectra*, 1992, **3**, 752A, (*nmr*)

Chatt, J. *et al.*, *J.C.S.*, 1957, 2496

Fritz, H.P. *et al.*, *Spectrochim. Acta A*, 1967, **23**, 1991, (*pmr*)

*Inorg. Synth.*, 1972, **13**, 50, (*synth*)

Harada, A. *et al.*, *Organometallics*, 1989, **8**, 2560, (*props*)

Wyrwa, R. *et al.*, *Z. Anorg. Allg. Chem.*, 1997, **623**, 649, (*synth, ms*)