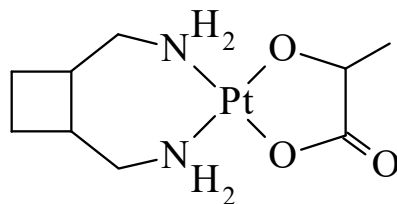




>>Entry Name: Lobaplatin, INN

Synonym(s): (1,2-Cyclobutanedimethanamine-*N,N'*)[2-hydroxypropanoato(2-)-*O*¹,*O*²]platinum, 9Cl. D 19466



CAS Registry Number: 135558-11-1

Related CAS Registry Numbers(s): 131374-93-1

Molecular Formula: C₉H₁₈N₂O₃Pt

Molecular Weight: 397.333

Accurate Mass: 397.096509

Percentage Composition: C 27.21%; H 4.57%; N 7.05%; O 12.08%; Pt 49.10%

Use/Importance: Antineoplastic agent. Investigated for treatment of Pt-resistant ovarian cancer

Physical Description: Cryst.

Development Status: In Phase II clinical trials (1991)

Melting Point: Mp 220 dec.°

References:

Eur. Pat., 1989, *Asta*, 324 154; *CA*, **114**, 114077h, (*synth, use*)

Voegeli, R. *et al.*, *J. Cancer Res. Clin. Oncol.*, 1990, **116**, 439, (*pharmacol*)

Meijer, C. *et al.*, *Cancer Res.*, 1992, **52**, 6885, (*pharmacol*)

Guchelaar, H.J. *et al.*, *Pharm. Res.*, 1992, **9**, 808, (*stability*)

Gietema, J.A. *et al.*, *Br. J. Cancer*, 1995, **71**, 1302, (*clin trial*)