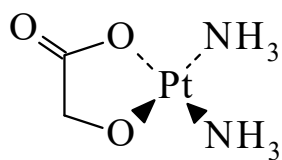




>>Entry Name: Nedaplatin, INN

Synonym(s): Diammine(glycolato- O^1, O^2 -)platinum. Diammine[hydroxyacetato(2-)- O^1, O^2]platinum, 9Cl. Aqupla. NSC 375101D. 254 S



CAS Registry Number: 95734-82-0

Molecular Formula: $C_2H_8N_2O_3Pt$

Molecular Weight: 303.177

Accurate Mass: 303.018259

Percentage Composition: C 7.92%; H 2.66%; N 9.24%; O 15.83%; Pt 64.35%

Source/Synthesis: Synth. from Diamminedinitratoplatinum(II) [JCZ15-J](#), sodium hydroxyacetate and NaOH

Use/Importance: Antineoplastic agent

Physical Description: Cryst. (H_2O)

Development Status: Launched 1995 (Japan)

Melting Point: Mp 130 dec.°

Solubility: Sol. H_2O

Hazard & Toxicity: Exp. reprod. effects. Less nephrotoxic than Diamminedichloroplatinum(II) [HRP06-O](#)

References:

Totani, T. *et al.*, *Chem. Lett.*, 1986, 429, (*synth, pmr, ir*)

U.S. Pat., 1986, *Shionogi*, 4 575 550; *CA*, **105**, 35615t, (*synth, pharmacol*)

Kanzawa, F. *et al.*, *Anticancer Res.*, 1988, **8**, 323, (*activity*)

Kameyama, Y. *et al.*, *Toxicol. Lett.*, 1990, **52**, 15, (*tox*)

Ota, K. *et al.*, *Anticancer Res.*, 1994, **14**, 1383, (*pharmacokinet, man*)

Reedijk, J., *Chem. Comm.*, 1996, 801, (*use, rev*)