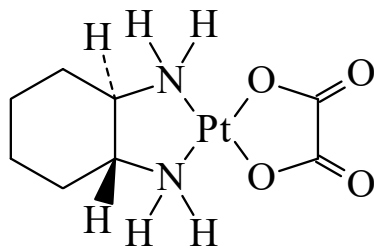




>>Entry Name: Oxaliplatin, BAN, INN

Synonym(s): (1,2-Cyclohexanediamine-*N,N'*)[ethanedioato(2-)-*O,O'*]platinum, 9Cl. Eloxatin. IOHP



CAS Registry Number: 61825-94-3

Related CAS Registry Numbers(s): 61758-77-8 63121-00-6

Molecular Formula: C₈H₁₄N₂O₄Pt

Molecular Weight: 397.29

Accurate Mass: 397.060124

Percentage Composition: C 24.19%; H 3.55%; N 7.05%; O 16.11%; Pt 49.10%

Use/Importance: Alkylating antineoplastic agent for the treatment of colorectal and ovarian cancer

Development Status: Launched 1996 (France) (Sanofi Winthrop)

Other Data: Stereochem. is (1*R*,2*R*)

Hazard & Toxicity: LD₅₀ (rat, ipr) 14.3 mg/kg. Dose-limiting peripheral neurotoxicity when used therapeutically

References:

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Kidani, Y., *Drugs of the Future*, 1989, **14**, 529, (*rev*)
Extra, J.M. *et al.*, *Cancer Chemother. Pharmacol.*, 1990, **25**, 299, (*clin trials*)
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