



LKT Laboratories, Inc.

Oxaliplatin

Phone: 888-558-5227
651-644-8424
Fax: 888-558-7329
Email: getinfo@lctlabs.com
Web: lctlabs.com

Product Information

Product ID O9201

CAS No. 61825-94-3

Chemical Name (SP-4-2)-[(1R,2R)-1,2-Cyclohexanediamine-κN,κN']-[ethanedioato(2-)-κO1,κO2]platinum

Synonym Oxalatoplatin, Oxalatoplatinum

Formula C₈H₁₄N₂O₄Pt

Formula Wt. 397.29

Melting Point 260° C

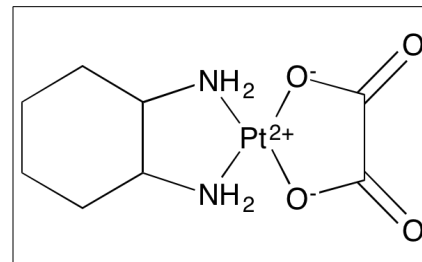
Purity ≥98%

Solubility Soluble in water (10 mM, 4 mg/mL), DMSO (50 mM or 20 mg/mL).

Store Temp -20° C

Ship Temp Ambient

Description Oxaliplatin is a platinum-based cross-linking agent that exhibits anticancer chemotherapeutic activity. Oxaliplatin inhibits DNA replication and transcription and is clinically used to treat colon cancer. In hepatocellular carcinoma cells, oxaliplatin induces S phase cell cycle arrest, downregulates expression of CDK4 and cyclin D1, upregulates expression of p21 and p53, and inhibits cellular proliferation.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
O9201	5 mg	\$52.50
O9201	25 mg	\$112.60
O9201	100 mg	\$217.90
O9201	500 mg	\$563.50

References Chen X, Wu Y, Dong H, et al. Platinum-based agents for individualized cancer treatment. *Curr Mol Med*. 2013 Dec;13(10):1603-12. PMID: 24206132.

Gao J, Wang R, Yang Q, et al. Effect of Oxaliplatin on cell cycle of hepatocellular carcinoma cell line HepG2. *Zhejiang Da Xue Xue Bao Yi Xue Ban*. 2013 Jul;42(4):437-42. PMID: 24022933.

Graham J, Mushin M, Kirkpatrick P. Oxaliplatin. *Nat Rev Drug Discov*. 2004 Jan;3(1):11-2. PMID: 14756144.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.