



LKT Laboratories, Inc.

## Heptaplatin

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### Product Information

**Product ID** H1862

**CAS No.** 146665-77-2

**Chemical Name** [SP-4-2-[4R-(2a,4a,5b)]]-[2-(1-Methylethyl)-1,3-dioxolane-4,5-dimethanamine-N,N'][[propanedioato(2-)-O,O']-platinum

**Synonym** Eptaplatin

**Formula** C<sub>11</sub>H<sub>20</sub>N<sub>2</sub>O<sub>6</sub>Pt

**Formula Wt.** 471.36

**Melting Point**

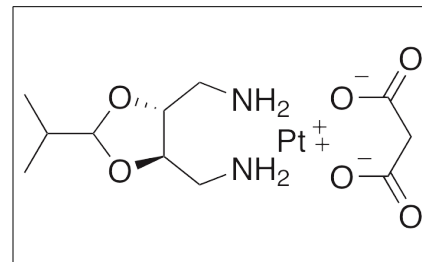
**Purity** ≥98%

**Solubility**

**Store Temp** -20°C

**Ship Temp** Ambient

**Description** Heptaplatin is a platinum-complexed anticancer chemotherapeutic compound approved in some countries for the treatment of gastric cancers. Heptaplatin exhibits anti-proliferative activity in models of head and neck squamous cell cancers when combined with 5-fluorouracil (5-FU) as well as other, separate cancer cell lines.



### Pricing and Availability

*Bulk quantities available upon request*

| Product ID | Size  | List Price |
|------------|-------|------------|
| H1862      | 1 mg  | \$97.30    |
| H1862      | 5 mg  | \$221.30   |
| H1862      | 10 mg | \$369.40   |
| H1862      | 25 mg | \$701.50   |

**References** Lee JW, Park JK, Lee SH, et al. Anti-tumor activity of heptaplatin in combination with 5-fluorouracil or paclitaxel against human head and neck cancer cells in vitro. *Anticancer Drugs*. 2006 Apr;17(4):377-84. PMID: 16549994.

Kim NK, Im SA, Kim DW, et al. Phase II clinical trial of SKI-2053R, a new platinum analog, in the treatment of patients with advanced gastric adenocarcinoma. *Cancer*. 1999 Oct 1;86(7):1109-15. PMID: 10506693.

Kim DK, Kim HT, Tai JH, et al. Pharmacokinetics and antitumor activity of a new platinum compound, cis-malonato[(4R,5R)-4,5-bis(aminomethyl)-2-isopropyl-1,3-dioxolane]platinum(II), as determined by ex vivo pharmacodynamics. *Cancer Chemother Pharmacol*. 1995;37(1-2):1-6. PMID: 7497577.

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