

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 C₁₁H₂₀N₂O₆Pt

Formula Wt. 471.36

Melting Point

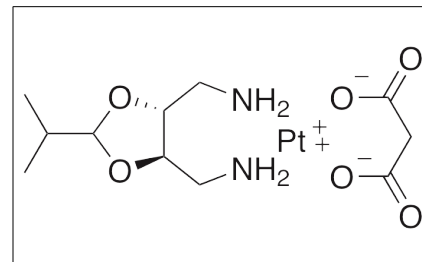
Purity ≥98%

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.



Product ID	Size
H1862	1 mg
H1862	5 mg
H1862	10 mg
H1862	25 mg

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.