



LKT Laboratories, Inc.

Nedaplatin

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Product Information

Product ID N0212

CAS No. 95734-82-0

Chemical Name

Synonym

Formula $C_2H_8N_2O_3Pt$

Formula Wt. 303.18

Melting Point $130^{\circ}C$

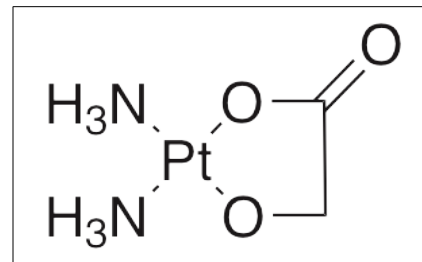
Purity $\geq 98\%$

Solubility

Store Temp $-20^{\circ}C$

Ship Temp Ambient

Description Nedaplatin is a second generation platinum compound that exhibits anticancer chemotherapeutic activity. Nedaplatin is a DNA cross-linking agent that acts by binding the N7 position on guanine residues, inhibiting DNA synthesis and repair.



Bulk quantities available upon request

Product ID	Size
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N0212	5 mg
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N0212	10 mg
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N0212	25 mg
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N0212	50 mg
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References Yuan G, Wu L, Huang M, et al. A phase II study of concurrent chemo-radiotherapy with weekly nedaplatin in advanced squamous cell carcinoma of the uterine cervix. *Radiat Oncol*. 2014 Feb 18;9:55. PMID: 24533532.

Ali I, Wani WA, Saleem K, et al. Platinum compounds: a hope for future cancer chemotherapy. *Anticancer Agents Med Chem*. 2013 Feb;13(2):296-306. PMID: 22583420.

Poklar N, Pilch DS, Lippard SJ, et al. Influence of cisplatin intrastrand crosslinking on the conformation, thermal stability, and energetics of a 20-mer DNA duplex. *Proc Natl Acad Sci U S A*. 1996 Jul 23;93(15):7606-11. PMID: 8755522.

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