

Product Datasheet

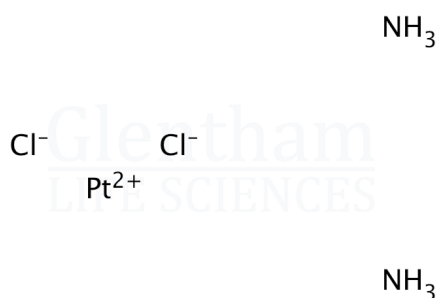
GP5927 - Cisplatin, USP grade

Product Details

Product Name	Cisplatin, USP grade
Glentham Code	GP5927
CAS Number	15663-27-1
EINECS	239-733-8
MDL Number	MFCD00011623
Related Categories	APIs, Antibiotics, Biochemicals, Cytotoxins, Antimicrobials, Molecular Biology, DNA Cross Linkers

Structure

Molecular Weight	: 300.06
Molecular Formula	: $\text{Cl}_2\text{H}_6\text{N}_2\text{Pt}$



Pictograms



UN Number, Class, PG (RID)

UN3288 - 6.1 - PG II

Glentham Product Specification

Physical Description	: Yellow to orange powder
Identification	: Test A: To pass test
Identification (IR)	: Test B: To conform to standard
Trichloroammine platinate	: $\leq 1.0\%$
Transplatin	: $\leq 2.0\%$
UV Purity Ratio	: ≥ 4.5
Platinum (Pt)	: 64.42 - 65.22 %
Crystallinity	: To meet requirements
Water	: $\leq 1.0\%$
Assay	: 98.0 - 102.0 % (anhydrous basis)
Pharmacopoeia Specification(s)	: USP
Version	: v1.0

About Cisplatin, USP grade

Cisplatin is a coordination complex of platinum used in chemotherapy, working by binding to and inhibiting the replication of DNA.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

CLP Classification	Carc. 1B, Acute Tox. 2, Eye Dam. 1
Signal Word	Danger
Hazard Codes	H350, H300, H318
Precautionary Codes	P280, P305+P351+P338, P308+P313, P310, P301+P310a

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