

Product Datasheet

GP0792 - Oxaliplatin

Pictograms

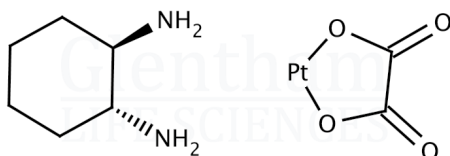


Product Details

Product Name	Oxaliplatin
Glenthams Code	GP0792
CAS Number	61825-94-3
MDL Number	MFCD00866327
PubChem SID	310278406
Related Categories	APIs, Biochemicals, Cytotoxins

Structure

Molecular Weight	: 397.29
Molecular Formula	: C ₈ H ₁₄ N ₂ O ₄ Pt



Glenthams Product Specification

Physical Description	: White to almost white crystalline powder
Solubility (0.2% in water)	: Clear, colourless solution
Specific Optical Rotation	: +74.5 - +78.0 °
Loss on Drying	: ≤ 0.5%
Assay	: 98.0 - 102.0 % (dried basis)
Version	: v1.0

About Oxaliplatin

Oxaliplatin is a platinum derivative used as a chemotherapeutic agent in colorectal cancer. It is commonly combined with fluorouracil and folinic acid to form FOLFOX therapy and is effective in cell lines with cisplatin resistance. Oxaliplatin works by forming cross-links that prevent the replication and transcription of DNA.

Storage

Recommended storage temperature: +4°C.

Hazards and Transport

Not classified as dangerous for transport.

CLP Classification Carc. 2, Skin Irr. 2, Skin Sens. 1, Eye Irr. 2A, STOT SE 3, STOT SE 3

Signal Word Warning

Hazard Codes H351, H315, H317, H319, H335, H336

Precautionary Codes P280, P305+P351+P338, P308+P313, P342+P311, P261

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