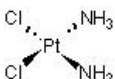


Product datasheet

Cisplatin, antineoplastic agent ab141398

★★★★★ 1 Abreviews 6 References 1 Image

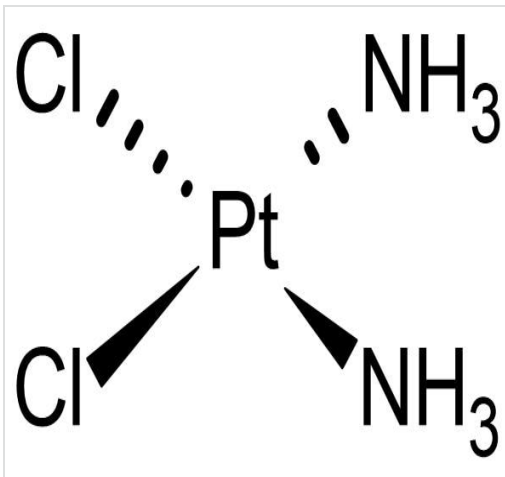
Overview

| | |
|-------------------------------|--|
| Product name | Cisplatin, antineoplastic agent |
| Description | Potent, broad spectrum antineoplastic agent |
| Biological description | Potent, broad spectrum antineoplastic agent. Cytotoxic, crosslinks DNA to impair replication and transcription. Arrests cell cycle in G ₂ /M phase. Antitumor, cross-linking and radiation sensitizing agent. Active <i>in vivo</i> and <i>in vitro</i> . |
| CAS Number | 15663-27-1 |
| Chemical structure |  |

Properties

| | |
|-----------------------------|--|
| Chemical name | (SP-4-2)-Diamminedichloroplatinum |
| Molecular weight | 300.05 |
| Molecular formula | Cl ₂ H ₆ N ₂ Pt |
| PubChem identifier | 441203 |
| Storage instructions | Store at Room Temperature. The product can be stored for up to 12 months. |
| Solubility overview | Soluble in water to 5 mM (with sonication) and in 0.9% w/w NaCl to 5 mM (with sonication) |
| Handling | Unstable; make up solutions fresh and use immediately. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details. |
| SMILES | N.N.Cl[Pt+2]Cl |
| Source | Synthetic |

Images



2D chemical structure image of ab141398, Cisplatin, antineoplastic agent

Chemical Structure - Cisplatin, antineoplastic agent
(ab141398)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Response to your inquiry within 24 hours

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