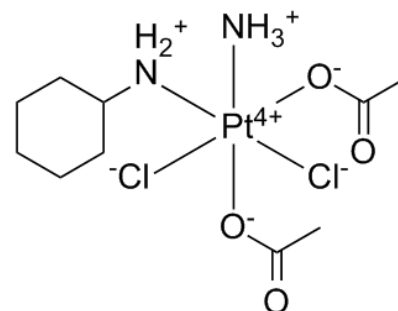


Product Name : Satraplatin
Cat. No. : PC-45364
CAS No. : 129580-63-8
Molecular Formula : C₁₀H₂₂Cl₂N₂O₄Pt⁺²
Molecular Weight : 500.2816
Target : DNA Alkylator/Crosslinker
Solubility : DMSO: ≥ 33 mg/mL



Biological Activity

Satraplatin (BMS-182751, BMY-45594, JM-216) is a **platinum-based** antineoplastic agent that binds to guanine residues in DNA, inhibits DNA replication and transcription, leads to subsequent apoptosis; shows similar cytotoxicity and pattern of cytotoxicity to cisplatin against human ovarian carcinoma cell lines (IC₅₀=1.7 uM); shows antitumor selectivity far superior to cisplatin, carboplatin, or tetraplatin in vivo; orally active.

Chemotherapeutic Agents
Phase 2 Clinical

References

- Kelland LR, et al. Cancer Res. 1993 Jun 1;53(11):2581-6.
Mellish KJ, et al. Br J Cancer. 1993 Aug;68(2):240-50.
Ricart AD, et al. Clin Cancer Res. 2009 Jun 1;15(11):3866-71.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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