Pentostatin

Synonyms: 2'-Deoxycoformycin, Covidaribine, ADAI, CI 825, d-Cof, NSC 218321, PD-ADI, YK 176

Specifications

- CAS #: 53910-25-1
- Molecular Formula: C_{11}H_{16}N_{4}O_{4}
- Molecular Weight: 268.3
- Source: Streptomyces sp.
- Appearance: White to off white solid
- Purity: >98% by HPLC
- Long Term Storage: -20°C
- Solubility: Soluble in ethanol, methanol, DMF or DMSO. Good water solubility.

Application Notes

Pentostatin is a potent antitumour antibiotic isolated from a Streptomyces species. Pentostatin is a potent inhibitor of adenine deaminase and has been used therapeutically as an antitumour agent.

References