Epichlortetracycline hydrochloride

Synonyms: 4-Epichlortetracycline hydrochloride

Specifications

CAS #: 101342-45-4
Molecular Formula: C_{22}H_{24}Cl_{2}N_{2}O_{8}
Molecular Weight: 515.4
Source: Semi-synthetic
Appearance: Yellow solid
Purity: >95% by HPLC
Long Term Storage: -20°C
Solubility: Soluble in ethanol, methanol, DMF or DMSO. Good water solubility.

Application Notes

Epichlortetracycline is a degradation product of chlorotetracycline formed by acid-catalysed isomerisation of the dimethylamino group at C4. Epichlortetracycline exhibits little antibiotic activity but its abundance is indicative of poor storage and handling of chlortetracycline.

References