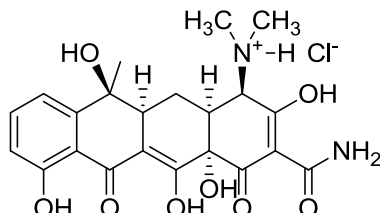


## Epitetracycline hydrochloride

Code No.: **BIA-E1339**

Pack sizes: **1 mg, 5 mg**



Synonyms : 4-Epitetracycline hydrochloride

### Specifications

CAS #	: 23313-80-6
Molecular Formula	: C <sub>22</sub> H <sub>25</sub> ClN <sub>2</sub> O <sub>8</sub>
Molecular Weight	: 480.9
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

Epitetracycline is a degradation product of tetracycline formed by acid-catalysed isomerisation of the dimethylamino- group at C4. Epitetracycline exhibits little antibiotic activity.

### References

1. Kinetics of concomitant degradation of tetracycline to epitetracycline, anhydrotetracycline, and epianhydrotetracycline in acid phosphate solution. Yuen P.H. & Sokoloski T.D. J. Pharm. Sci. 1977, 66, 1648.