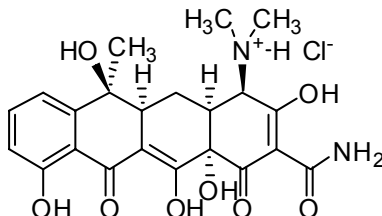


## Epitetracycline HCl

Code: **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>24</sub>N<sub>2</sub>O<sub>8</sub>.HCl**  
Molecular Weight : **480.9**  
Source : **Semi-synthetic**  
Appearance : **Yellow solid**  
Purity : **>95%**  
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.