



Tetracycline Hydrochloride

Inhibitor of protein synthesis.

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| Cat. Number | AS-2022 |
| CAS Number | 64-75-5 |
| MDL Number | MFCD00078142 |
| Pubchem | 310280702 |
| Molecular Weight | 480.90 g/mol |
| Molecular Formula | C ₂₂ H ₂₅ ClN ₂ O ₈ |
| Storage Temperature | -20°C |
| Form and Color | Powder, yellow |
| Solubility (5% in water) | Clear, yellow to yellow-orange solution |
| Assay | ≥ 95% |
| pH (1% in water) | 1.8 – 2.8 |
| Loss on Drying (60 °C) | Max. 2% |
| Synonym | Achromycin;Tetracyn |