

**Product Name** : Tetracycline hydrochloride

**Synonyms** : —

**Cat No.** : M15456

**CAS Number** : 64-75-5

**Molecular Formula** : C<sub>22</sub>H<sub>24</sub>N<sub>2</sub>O<sub>8</sub>HCl

**Formula Weight** : 480.90

**Chemical Name** : —

**Description** : Tetracycline hydrochloride is a hydrochloride salt of tetracycline that is a broad-spectrum polyketide antibiotic.

**Pathway** : Microbiology/Virology

**Target** : ribosome

**Receptor** : 30S ribosome

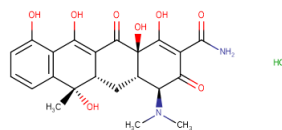
**Solubility** : Water: 96 mg/mL warmed (199.62 mM); DMSO: 96 mg/mL warmed (199.62 mM)

**SMILES** : ClC@@12[C@@H]3[C@@H](C(=O)C(=C[C@@]3(C(=O)C2=C1C=CC(=O)O)O)O)C(=O)N(C)C)O.Cl

**Storage** : (-20°C)

**Stability** : ≥ 2 years

**Reference** :



1. Buck MA, Cooperman BS. Biochemistry. 1990 Jun 5;29(22):5374-9.