

**Product Name** : Clindamycin HCl

**Synonyms** : —

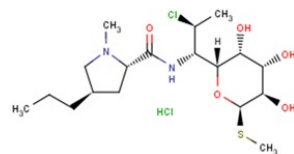
**Cat No.** : M18238

**CAS Number** : 21462-39-5

**Molecular Formula** : C<sub>18</sub>H<sub>33</sub>ClN<sub>2</sub>O<sub>5</sub>S·HCl

**Formula Weight** : 461.44

**Chemical Name** : —



**Description** : Clindamycin Hydrochloride inhibits protein synthesis by acting on the 50S ribosomal. It is the hydrochloride salt form of clindamycin, a semi-synthetic, chlorinated broad-spectrum antibiotic produced by chemical modification of lincomycin. Clindamycin hydrochloride is used as a solid in capsules.

**Pathway** : Wnt/Notch/Hedgehog

**Target** : Porcupine

**Receptor** : Others

**Solubility** : DMSO : ≥ 43 mg/mL; 93.19 mM

**SMILES** : [C@@H]1(O[C@@H]([C@@H]([C@H]([C@H]1O)O)O)SC)[C@H](NC(=O)[C@H]1N(C[C@@H](C1)CCC)C)[C@@H](Cl)C.Cl

**Storage** : (-20°C)

**Stability** : ≥ 2 years

**Reference** :

1. Batzias GC, et al. Vet J, 2005, 170(3), 339-345.